



3M Science.
Applied to Life.™

3M Personal Safety Division

Achieving Worldclass Safety with DOSH SIRIM Approved PPE

3M Personal Safety Division

Safety Solutions from the Brand You Trust

Our Brand Promise

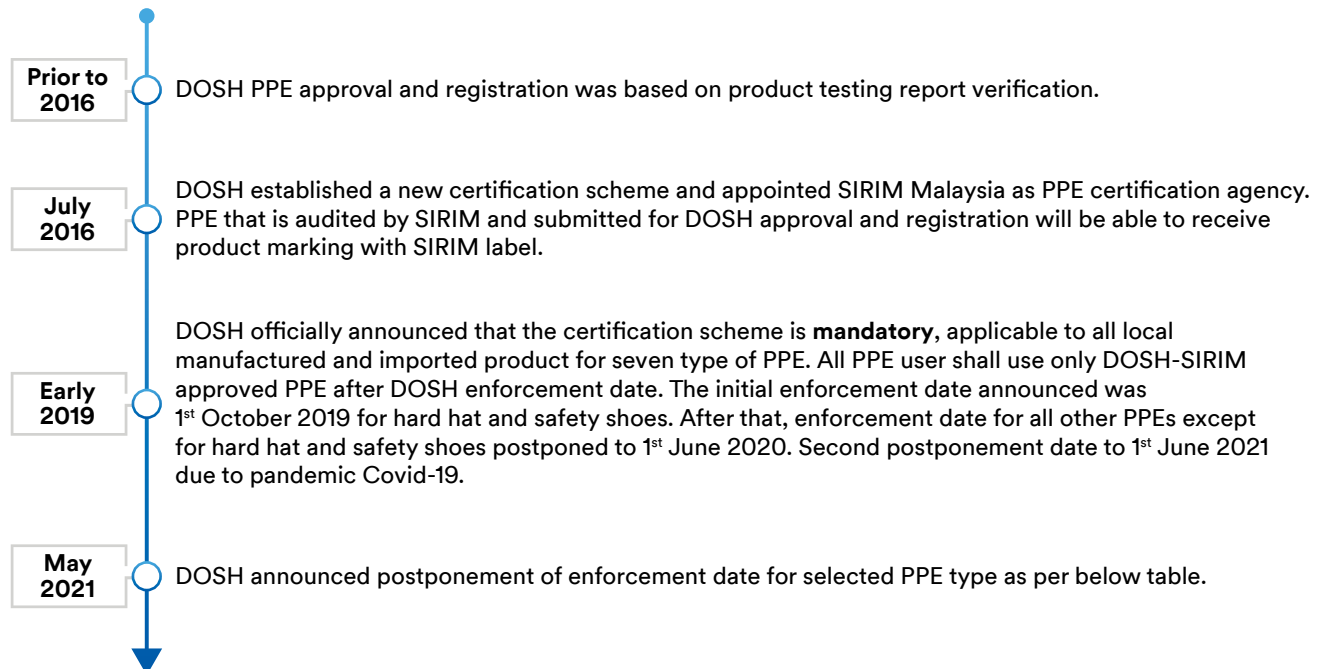
3M is dedicated to improving work safety and comfort. We do this by designing and producing innovative and reliable products that meet the needs of a wide range of workplace conditions. Our products meet industry best practices as well as DOSH SIRIM, CSA, ANSI, NIOSH, EN and OSHA standards. The products in this catalogue are among the many offered by 3M to enhance the quality of the workplace and offers your workers with the most effective protection available.

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What is DOSH-SIRIM PPE Approval?

Department of Occupational Safety and Health (DOSH) Malaysia has announced new requirement of using DOSH-SIRIM approved Personal Protective Equipment (PPE).



Enforcement Date for Selected PPE Type	
Type of PPE	Enforcement Date
Head Protection	1 st June 2020
Feet Protection	1 st June 2020
Body Protection (Safety harness and accessories)	1 st June 2021
Respirator Protection (*Particulate respirator)	1 st June 2021
Eye/ Sight Protection	1 st June 2022
Hearing Protection	1 st June 2022
Hand Protection	1 st June 2022

* Note: Particulate respirator refers to filter material that protect against particulate hazards. This include disposable and reusable respirator.

The SIRIM label has been changed from Figure A to Figure B, which added SIRIM-DOSH:



Figure A: SIRIM Label



Figure B: SIRIM-DOSH Label

or



Figure C: SIRIM-DOSH Label with QR Code

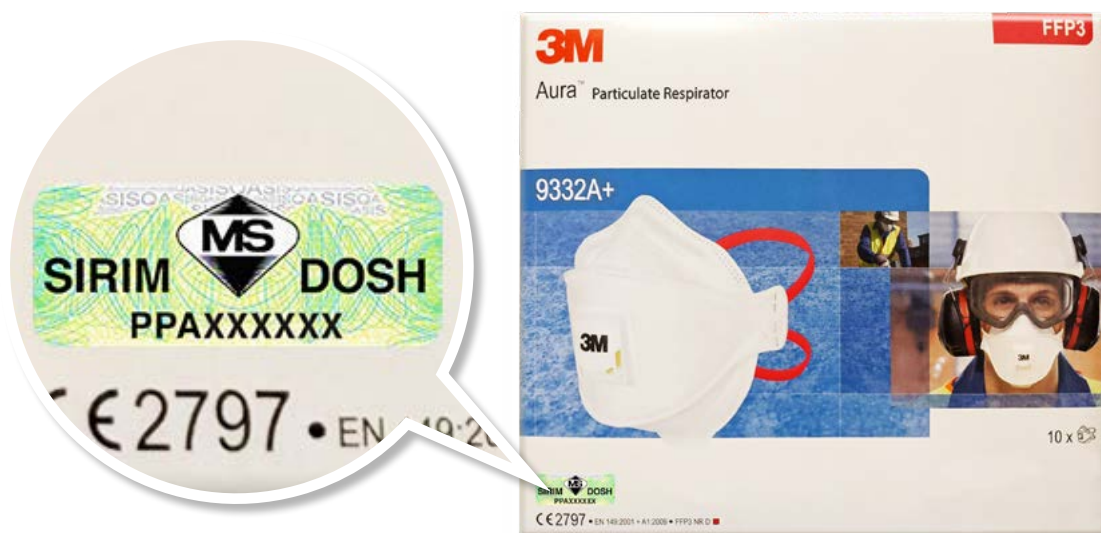
Why DOSH-SIRIM PPE approval?

The DOSH-SIRIM PPE certification scheme is important to ensure industrial users are using DOSH approved PPE to achieve risk reduction in the workplace and enable PPE user to obtain optimum protection, preventing of dynamic workplace accident and reduce risk of potential long term illness and diseases.

3M Malaysia is **committed to comply with DOSH-SIRIM** requirements (*including the DOSH-SIRIM enforcement*). 3M PPE that is certified by SIRIM and approved by DOSH is published in DOSH PPE approval list ([here](#)).

How to identify PPE with DOSH-SIRIM approval?

You can identify DOSH-SIRIM approved product by looking for the new DOSH-SIRIM label on the product or the packaging. Example of 3M™ Aura™ Disposable Respirator, FFP3/P3, Valved, 9332+ with DOSH-SIRIM label:



Can I still use PPE purchased before the enforcement date?

DOSH clarified in its website ([here](#)), that existing personal protective equipment (“PPE”) without SIRIM certification, DOSH approval and SIRIM-DOSH label is allowed to be used until the DOSH approved PPE expires. Thereafter, the next purchase must be PPE with SIRIM-DOSH sticker. If you have further questions, please consult with DOSH.

If you have further inquiry regarding DOSH-SIRIM PPE approval, you may visit DOSH SIRIM PPE Approval FAQ ([here](#)).



3M™ Disposable Respirators

A comfortable 3M™ Disposable Respirator can help to make your workers want to wear one and promote compliance as required at all times during exposure.

Comfort options that work for you.

Workers want respirators that are comfortable, lightweight and convenient. 3M developed the first disposable respirator to receive NIOSH approval in 1972. We have created numerous patented technologies that have been incorporated throughout our products. Today, our extensive family of respirators offers a full range of comfort, convenience and value. Respiratory protection from a company you can rely on for support and services.

Unique Technologies

3M technological benefits help you match the right respirator to your environment.

 Cool Flow™ Exhalation Valve Proprietary one-way valve for easy exhalation and cool, dry comfort.	 M-noseclip Proprietary noseclip adjusts easily for fewer pressure points and greater comfort.	 Faceseal Soft and secure, conforms closely to face for additional comfort.	 Advanced Electret Media Proprietary filter media with electrostatically charged microfibers help make breathing easier and cooler.	 Welding Web Unique filter media incorporating protective layers designed to be flame resistant as demonstrated per ASTM 02859-96. (Not a substitute for a faceshield).
 Cake-resistant filter media Proprietary filter media with specifically designed filter layers for welding applications provide longer respirator life and easier breathing.	 Adjustable buckle straps A single tug helps provide a comfortable, secure fit.	 P-series filter Proprietary Advanced Electret Media, appropriate for prolonged use in both oil and non-oil containing environments.	 Carbon filter material Carbon filter media provides relief against odours, vapour and other gaseous contaminants for greater wearer comfort. For nuisance level relief only ¹ .	

The selection of respiratory protection equipment follows a basic four-step method:

Step 1

Identify the hazards – dust, metal fume, gas, vapour etc.



Step 2

Assess the risk – assess the hazard levels against safety standards and consider other protection - skin, eye and body.



Step 3

Select the right respirator – disposable, reusable, half face mask, full face mask, powered, supplied air etc.



Step 4

Train in fitting and use – to optimise respiratory protection

Important

Before using, you must determine the following:

1. The types of contaminants for which the respirator is being selected and exposure time.
2. The concentration level of the contaminant(s). Do not use for particle concentrations that exceed 10 times the OSHA PEL or applicable occupational exposure limit, whichever is lower.
3. Whether the respirator can be properly fitted to the wearer's face. Do not use with beards, or other conditions that prevent a good seal between the face and the sealing surface of the respirator.
4. Before required use of disposable respirators, a written respiratory protection program must be implemented, meeting all the requirements of OSHA 29 CFR 1910.134 including medical evaluation, training, fit testing.



Warning

Each respirator helps protect against certain particles only. Misuse may result in sickness or death. For proper use, see supervisor, instructions or contact 3M Personal Safety Division at 3mmypsd@mmm.com

Do not use for:

Gases and vapors, including those present in paint spraying operations, asbestos or sandblasting, aerosol concentrations that exceed 10 times the OSHA PEL, or applicable governmental regulations, whichever is lower. These respirator does not supply oxygen and cannot be used in confined spaces.

¹ 3M recommends for relief against nuisance level acid gas or organic vapours. Nuisance levels are less than OSHA PEL or applicable government occupational exposure limits, whichever is lower.

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Time use limitation

1. If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and replace respirator.
2. If used for ozone protection, replace respirator in accordance with an established change schedule, or earlier if smell, taste, or irritation from contaminants is detected.
3. If oil aerosols are present, time use may be limited to 8 hours of continuous or intermittent use.
4. If used in environments containing only oil aerosols, replace respirator after 40 hours of use or 30 days, whichever is first.

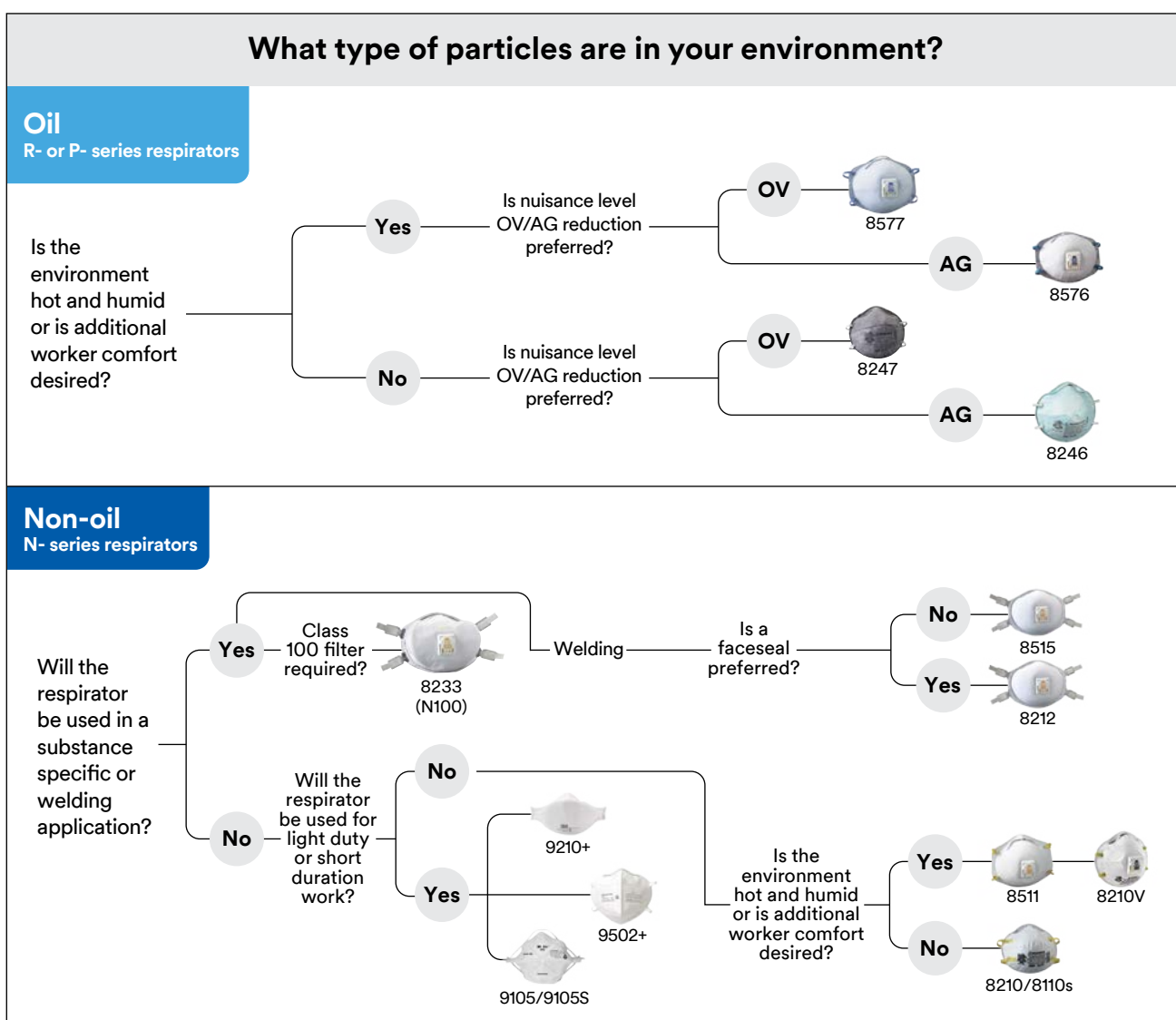
* 3M recommends for relief from nuisance levels of acid gas. Nuisance level refers to concentrations not exceeding the OSHA PEL, or applicable government occupational exposure limits, whichever is lower.

** 3M recommends for relief from nuisance levels of organic vapors. Nuisance level refers to concentrations not exceeding the OSHA PEL, or applicable government occupational exposure limits, whichever is lower.

*** 3M recommends for ozone protection up to 10 times the OSHA PEL or applicable government occupational exposure limits, whichever is lower.

3M™ Disposable Respirator Preference Selector According To NIOSH US Standards

Use the selector below to identify which respirator may be preferred for increased worker comfort.



* 3M recommended for ozone protection up to 10 times the OSHA PEL or applicable government occupational exposure limits, whichever is lower.

Time Use Limitation: 1

Standard

NIOSH N95 approved respirators: Protection against certain non-oil based particles. Suggested applications: grinding, bagging, sanding and sweeping. Also suggested for extended wear time, hot/humid conditions, other dusty operations and pandemic stockpiling/business continuity planning. Comfort respirators all feature the proprietary 3M™ Cool Flow™ Exhalation Valve.



3M™ Particulate Respirator 9502+ (N95)

- Vertical flat fold design convenience.
- Adjustable noseclip that helps provide a custom fit and secure seal.
- Packaging: 50each/box, 10 boxes/case

DOSH SIRIM Approved



3M™ VFlex™ Particulate Respirator 9105/9105S (N95)

- Adjustable noseclip to provide custom fit.
- V-shaped pleats for easier breathing and talking.
- Flat-fold convenience.
- 9105S designed for people with smaller faces.
- Packaging: 50each/box, 8 boxes/case

DOSH SIRIM Approved



3M™ Particulate Respirator 8210/8110S (N95)

- Features welded strap attachment, strap attachment, soft nose foam and adjustable noseclip to help provide a custom fit and secure seal.
- 8110S designed for people with smaller faces.
- Packaging: 20each/box, 8 boxes/case

DOSH SIRIM Approved

Comfort



3M™ Particulate Respirator 8511 (N95)

- M-Noseclip adjusts easily for fewer pressure points and greater comfort.
- 3M™ Cool Flow™ Exhalation Valve helps reduce heat build up inside the respirator to provide comfort in hot/humid work settings or longer periods of wear.
- Packaging: 10each/box, 8 boxes/case

DOSH SIRIM Approved



3M™ Particulate Respirator 8210V (N95)

- 3M™ Cool Flow™ Exhalation Valve helps reduce heat build up inside the respirator.
- An economical choice for hot/humid work settings or longer periods of wear.
- Packaging: 10each/box, 8 boxes/case

DOSH SIRIM Approved



3M™ Aura™ Particulate Respirator 9210+ (N95)

- Unique three-panel, flat-fold design to provide exceptional comfort and direct exhaled air away from the nose panel, helping reduce eyewear fogging.
- Individually packed to provide convenient storage and portability.
- Innovative chin tab designed for ease of positioning, donning & adjustment.
- Packaging: 20each/box, 12 boxes/case

DOSH SIRIM Approved

Class 100 Respirators:

Well suited for those who want NIOSH's highest rated filtration efficiency in a maintenance free respirator.

Time Use Limitation: 1



3M™ Particulate Respirator 8233i (N100)

- It provides a minimum filter efficiency of 99.97% against non-oil based particles.
- Individually packaged to provide convenient storage, portability and hygiene.
- Adjustable noseclip and fully adjustable headbands help to provide secure seal and fit.
- Packaging: 20each/case

DOSH SIRIM Approved



Welding

- i Time Use Limitation: 1
ii Time Use Limitation: 1 & 2

Welding and Metal Pouring: Suggested Applications: Welding, metal pouring, torch cutting, brazing and soldering. Welding respirators all feature the proprietary 3M™ Cool Flow™ Exhalation Valve and cake-resistant filter media that is specifically designed for longer respirator life and easier breathing in welding and metal pouring applications. They are also flame resistant as demonstrated per modified ASTM D2859 (not a substitute for a faceshield).



3M™ Particulate Respirator with Faceseal 8212ⁱ (N95)

- Designed for applications where metal fumes are present.
- Adjustable noseclip and fully adjustable headband help to provide secure fit and seal.
- Compatible with a variety of protective eyewear and hearing protection.
- Foam faceseal provides long comfort for wearers.
- Packaging: 10each/box, 8 boxes/case

DOSH SIRIM Approved



3M™ Particulate Respirator 8515ⁱ (N95)

- Designed for applications where metal fumes are present.
- Adjustable M-noseclip help to provide custom fit and secure seal.
- Packaging: 10each/box, 8 boxes/case

DOSH SIRIM Approved

3M™ Welding Disposable Respirators Comparison

Product	3M™ Cool Flow™ Exhalation Valve	M-Noseclip	Face-Seal	Advanced Electret Media	Cake Resistant Media	Adjustable Straps	Welding Web	APF*
Welding and Metal Pouring								
8212	•		•	•	•	•	•	10
8515	•	•		•			•	10

Specialty

Specialty Respirators for dusty conditions with nuisance odor:

ⁱ Time Use Limitation: 1 & 3

ⁱⁱ Time Use Limitation: 1 & 4

Non-valved Specialty Respirators

Suggested Applications: Grinding, bagging, sanding, sweeping in oil and non-oil environments and other dusty operations.



3M™ Particulate Respirator 8246ⁱ (R95) DOSH SIRIM Approved

- Provide protection against certain oil and non-oil based particles including those present with nuisance levels of acid gases* such as sulphur dioxide, hydrogen fluoride, and / or chlorine.
- Suggested Applications: Glass etching, chemical processing, paper processing, aluminum smelting and brewing operations.
- Packaging: 20each/box, 6 boxes/case



3M™ Particulate Respirator 8247ⁱ (R95) DOSH SIRIM Approved

- Provide protection against certain oil and non-oil based particles including those present with nuisance levels of organic vapors*, such as solvents, degreasers and resins.
- Suggested Applications: Foundry operations, lab settings, agriculture, petrochemical manufacturing and undercoating
- Packaging: 20each/box, 6 boxes/case



Valved Specialty Respirators

Features the proprietary 3M™ Cool Flow™ Exhalation Valve. Suggested for extended wear time, hot or humid conditions.



3M™ Particulate Respirator 8576ⁱⁱ (P95) DOSH SIRIM Approved

- Designed to help provide comfortable, reliable worker protection against certain oil and non-oil based particles including those present with nuisance levels of acid gases* such as sulphur dioxide, hydrogen fluoride, and / or chlorine.
- Suggested Applications: Glass etching, chemical processing, paper processing, aluminum smelting and brewing operations.
- Packaging: 10each/box, 8 boxes/case



3M™ Particulate Respirator 8577ⁱⁱ (P95) DOSH SIRIM Approved

- Designed to help provide comfortable, reliable worker protection against certain oil and non-oil based particles including those present with nuisance levels of organic vapors* such as solvents, degreasers and resins.
- Suggested Applications: Foundry operation, lab settings, agricultural, petrochemical, manufacturing and undercoating.
- Packaging: 10each/box, 8 boxes/case



* 3M recommended for relief against nuisance level acid gas or organic vapors. Nuisance level is less than OSHA PEL or applicable government occupational exposure limits, whichever is lower.

3M™ Aura™ Foldable Particulate Respirators 9300A+ Series

Time Use Limitation: 1 & 3

This series is a new generation of respirators with 3-panel foldable design for comfort, easy communication and improved wearer acceptance. Foam nosebridge absorbs sweat, is comfortable and enhances face seal.

3M™ Aura™ Non-valved Respirators 9300A+ Series

Suggested Applications: Grinding, bagging, sanding, sweeping in oil and non-oil environments and other dusty operations.



3M™ Aura™ Particulate Respirator 9310A+ (FFP1 / P1)

- The respirator is for use against dusts found in a wide variety of industrial applications and other work situations, requiring P1 protection.
- Conforms to Standard: EN149, AS / NZS 1716.
- DOSH Approval No.: JKKP 04/20
- Maximum use levels: 10 x WELs.
- Individually packaged for convenient storage, portability and hygiene.
- Packaging: 20each/box, 12 boxes/case

DOSH SIRIM Approved



3M™ Aura™ Particulate Respirator 9320A+ (FFP2 / P2)

- The respirator is designed for use against fine dusts and water-based mists found in construction, industrial and many solid chemical handling applications requiring P2 protection.
- Conforms to Standard: EN149, AS / NZS 1716.
- DOSH Approval No.: JKKP 06/20
- Maximum use levels: 10 x WELs.
- Individually packaged for convenient storage, portability and hygiene.
- Packaging: 20each/box, 12 boxes/case

DOSH SIRIM Approved

3M™ Aura™ Valved Respirators 9300A+ Series

Features the proprietary 3M™ Cool Flow™ Exhalation Valve. Suggested for extended wear time, hot or humid conditions.



3M™ Aura™ Particulate Respirator 9312A+ (FFP1 / P1)

- This valved respirator can be used in many hot and humid environments where P1 protection is required.
- Conforms to Standard: EN149, AS / NZS 1716.
- DOSH Approval No.: JKKP 05/20
- Maximum use levels: 10 x WELs.
- Individually packaged for convenient storage, portability and hygiene.
- Packaging: 10each/box, 12 boxes/case

DOSH SIRIM Approved



3M™ Aura™ Particulate Respirator 9322A+ (FFP2 / P2)

- This valved respirator is for use in hot and humid environments and where P2 protection is required.
- Conforms to Standard: EN149, AS / NZS 1716.
- DOSH Approval No.: JKKP 07/20
- Maximum use levels: 10 x WELs.
- Individually packaged for convenient storage, portability and hygiene.
- Packaging: 10each/box, 12 boxes/case

DOSH SIRIM Approved



3M™ Aura™ Particulate Respirator 9332A+ (FFP3 / P3)

- This valved respirator is for use in hot and humid environments and where P3 protection is required.
- Conforms to Standard: EN149, AS / NZS 1716.
- DOSH Approval No.: JKKP 09/20
- Maximum use levels: 20 x WELs.
- Individually packaged for convenient storage, portability and hygiene.
- Packaging: 10each/box, 12 boxes/case

DOSH SIRIM Approved

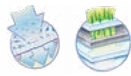
3M™ Foldable Particulate Respirators

Time Use Limitation: 1



3M™ Particulate Respirator 9542 (P2) DOSH SIRIM Approved

- Economical non-valved respirator for use against liquid particles from sprays that do not emit harmful vapors.
- Suggested Applications: foundries, mining, agriculture and petrochemical.
- Conforms to AS/NZS 1716
- GB2626 Standards
- Carbon layer provides relief from nuisance levels of organic vapor.*
- Packaging: 25 each/box, 10 boxes/case



3M™ Particulate Respirator 9542V (P2) DOSH SIRIM Approved

- Economical valved respirator for use against liquid particles from sprays that do not emit harmful vapors.
- Suggested Applications: foundries, mining, agriculture and petrochemical.
- Conforms to AS/NZS 1716
- GB2626 Standards
- Carbon layer provides relief from nuisance levels of organic vapor.*
- Features the proprietary 3M™ Cool Flow™ Exhalation Valve for better comfort.
- Packaging: 20 each/box, 10 boxes/case



3M™ Particulate Respirator 9501+ (P2) DOSH SIRIM Approved

- Vertical flat-fold design and twin packed to offer convenient storage and portability.
- Knitted comfortable earloop strap for easy donning and doffing.
- Suggested Applications: Protection against solid particles and liquid mists such as those from grinding, sanding, sweeping, sawing, bagging, or processing minerals, coal, iron ore, flour, metal, wood, pollen, and certain other substances.
- Conforms to AS/NZS 1716
- GB2626 Standards
- Packaging: 50 each/box, 10 boxes/case



3M™ Particulate Respirator 9502V+ (P2) DOSH SIRIM Approved

- Vertical flat-fold design to offer convenient storage.
- Adjustable noseclip that helps provide a custom fit and secure seal.
- Conforms to AS/NZS 1716
- GB2626 Standards
- Packaging: 25 each/box, 10 boxes/case

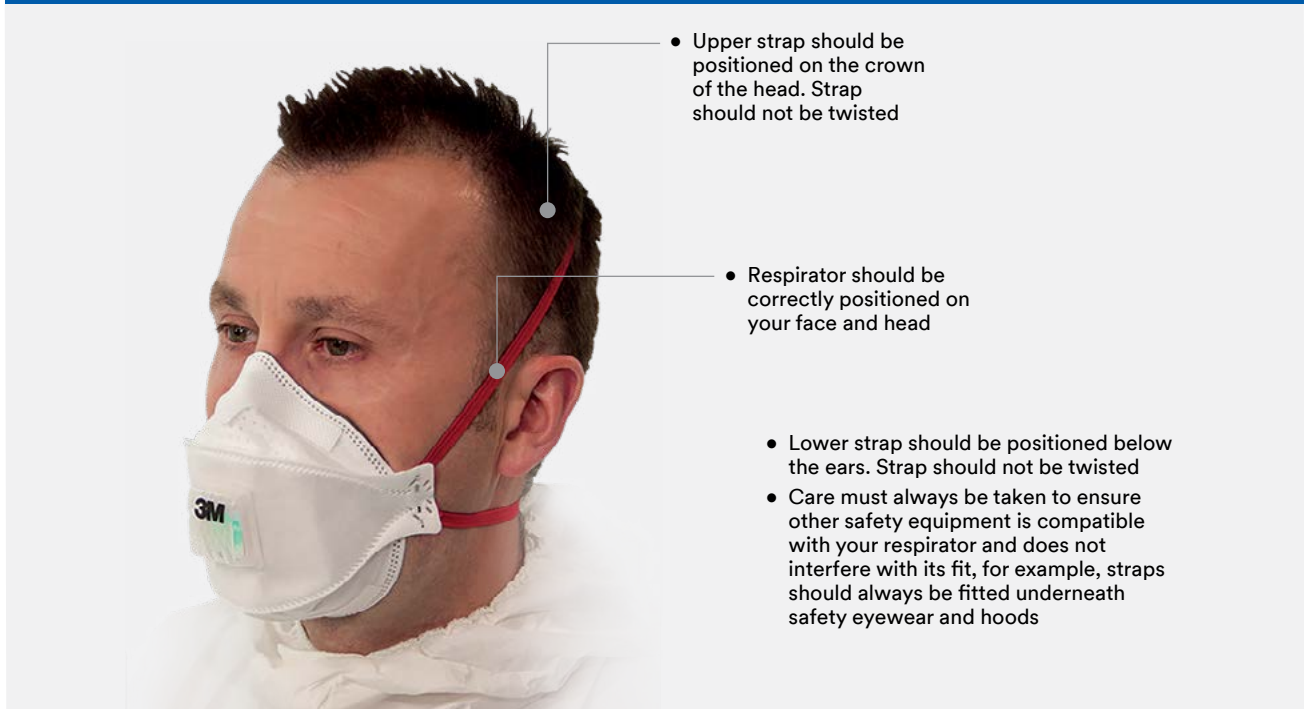


* 3M recommends for relief from nuisance levels of organic vapors. Nuisance level refers to concentrations not exceeding the OSHA PEL, or applicable government occupational exposure limits, whichever is lower.

The importance of fit

Particulate respirators are most effective when there is a good seal between the edges of the respirator and your face. The instant this seal is broken, protection is compromised as contaminated air can leak in through any gaps.

Here's what to look for:



- Before fitting your respirator, make sure that your face is clean shaven. Respirators must not be worn with stubble, beards or other facial hair under the area of the face seal as these can prevent a good seal to the face



- For flat fold respirators make sure the panels are fully unfolded
- Noseclip should be moulded around nose and cheeks to give a good seal. Using both hands, mould noseclip to the shape of the lower part of the nose to ensure a close fit and good seal. Do not pinch the noseclip with only one hand as this may not give a good fit

Fit Check



- A pre-use fit check must be conducted every time you fit your respirator
- Cover the front of the respirator with both hands, being careful not to disturb the fit of the respirator
- Unvalved respirator – exhale sharply, Valved respirator – inhale sharply
- If air leaks around the nose, re-adjust the noseclip to eliminate leakage
- If air leaks at the respirator edges, work the straps back along the sides of the head or adjust the tension to eliminate leakage

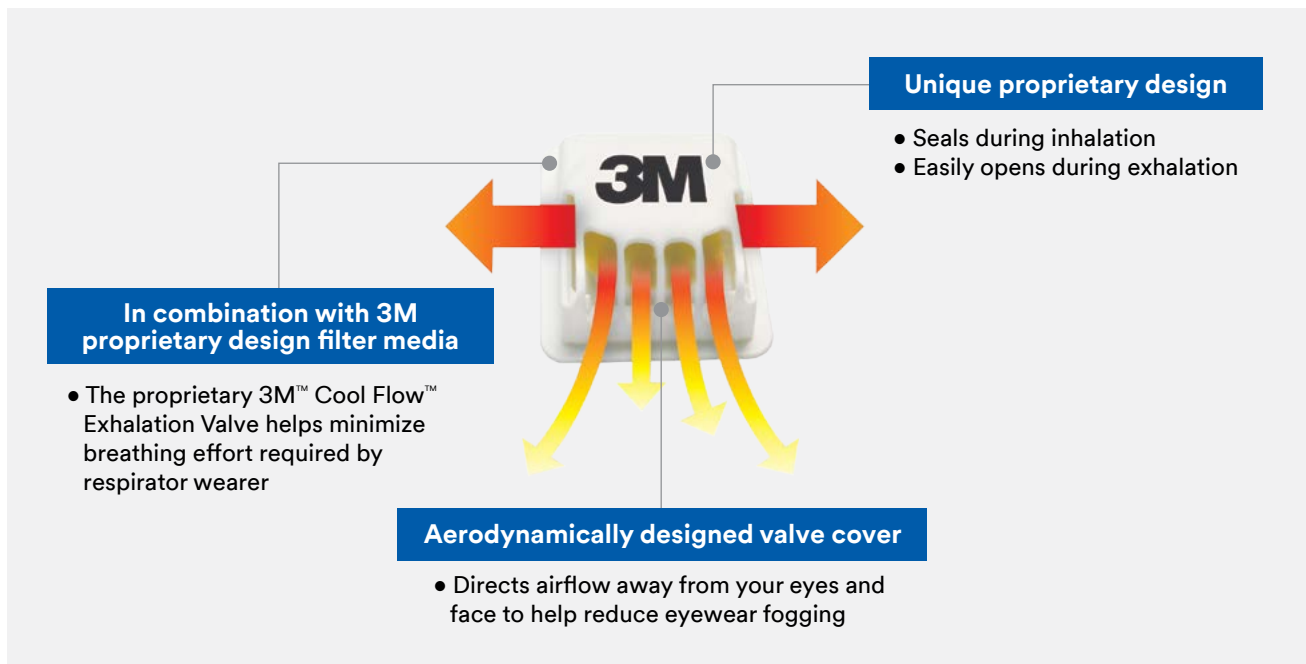
Repeat the above fit check.

If you cannot achieve a proper fit do not enter the hazardous area - see your supervisor.



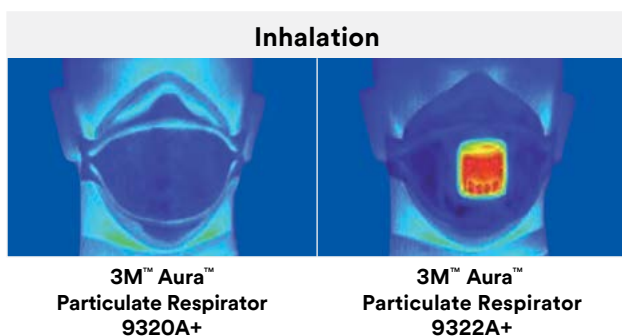
One model of respirator may not fit everyone. Users should be fit tested in accordance with national requirements. For information on fit testing procedures, contact your safety officer or 3M.

The proprietary 3M™ Cool Flow™ Exhalation Valve



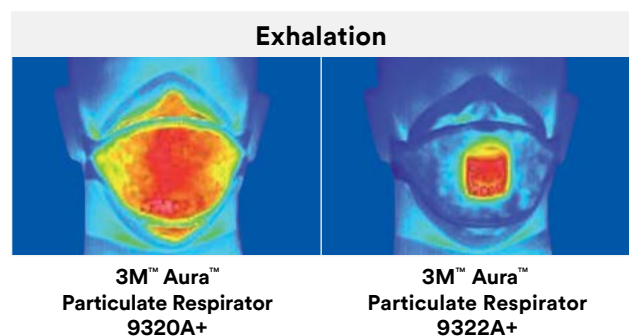
Visible from the outside, comfort on the inside: Experience the difference with 3M™ Cool Flow™ Exhalation Valve

The colors in the thermal images below show the change in surface temperature of the valved and unvalved respirators as the model inhales and exhales.



Inhalation is the cooler part of the cycle; with both the 3M™ 8511 Particulate Respirator (valved) and the 3M™ 8510 Particulate Respirator (unvalved). The 3M filter media facilitates an easy draw of cooler external air.

As the wearer inhales, air is pulled through the respirator and surface temperature decreases. The valve's plastic cover, because of the material composition, retains some of the heat.



As the wearer exhales, the respirator is filled with warm, moist air. The cooler thermal imaging shades of the picture on the right indicate how the 3M™ 8511 Particulate Respirator, fitted with the 3M™ Cool Flow™ Exhalation Valve expels the breath, together with its natural heat, more rapidly. As the hot exhaled air exits through the valve, the rest of the respirator remains cooler and more comfortable.

This benefit is ideal for long periods of wear, especially where conditions are hot and humid or when work is physically demanding and likely to cause heavy breathing.



3M™ Reusable Respirators

3M™ Reusable Respirators offer exceptional quality and value for money when protecting your workers against industrial gases, vapours and particulate hazards.

The selection of respiratory protection equipment follows a basic 3M four-step method:

Step 1



Identify the hazards
– dust, metal fume,
gas, vapor etc.

Step 2



Assess the risk – assess
the hazard levels against
safety standards and
consider other protection
– skin, eye and body.

Step 3



**Select the right
respirator** – disposable,
reusable, half face mask,
full face mask, powered
supplied air etc.

Step 4

**Train in fitting
and use** – to optimise
respiratory protection.

Warning

- Reusable respirators help reduce exposures to certain airborne contaminants.
- Before use, wearer must read and understand the User Instructions provided as part of the product packaging.
- Guidelines on The Use of Personal Protective Equipment Against Chemical Hazards under the Occupational Safety and Health (Use and Standard of Exposure of Chemicals Hazardous to Health) Regulations 2000 (Malaysia) require respirator fit testing.
- Reusable respirators cannot be used in environments with unknown contaminants or at/exceed Immediately Dangerous to Life and Health (IDLH) levels.
- Misuse may result in sickness or death.
- For proper use, see package instructions, your supervisor or contact 3M Personal Safety Division at 3mmypsd@mmm.com

Select the Right Facepiece

3M™ Half Facepiece Single Cartridge Respirator	 3100 (small/ medium) 3200 (medium/ large)	 HF51 (small/ medium) HF52 (medium/ large)		
3M™ Half Facepiece Dual Cartridge Respirator	 6100 (small) 6200 (medium) 6300 (large)	 6501QL (small) 6502QL (medium) 6503QL (large)	 7501 (small) 7502 (medium) 7503 (large)	 HF-801SD (small) HF-802SD (medium) HF-803SD (large)
3M™ Full Facepiece Dual Cartridge Respirator	 6700 (small) 6800 (medium) 6900 (large)			

Respirator models	3M™ Half Facepiece Single Cartridge Respirator		3M™ Half Facepiece Dual Cartridge Respirator				3M™ Full Facepiece Dual Cartridge Respirator
	 3000 series	 HF series	 6200 series	 6500 QL series	 7500 series	 HF-800SD series	 6800 series
3M™ Cool Flow™ Exhalation Valve		•		•	•	•	•
Compatible with 3M™ Supplied Air System			•	•	•		•
Compatible with 3M™ Powered Air Purifying Respirators							•
Speaking diaphragm						•	
Thermoplastic (TP) / Silicone(s) Faceseal	TP	S	TP	S	S	S	TP/S
Compatible with 3M™ Secure Click™ Cartridges and Filters						•	

Product Matrix Selection:

3M™ Half Facepiece Single Cartridge Reusable Respirators

	Particulate Protection Only	Pre-attached. Particulate and Gas & Vapor Protection
 3M™ Half Facepiece Single Cartridge Reusable Respirator 3000 series DOSH SIRIM Approved	 1700 ▼  1744 / 1744C DOSH SIRIM Approved	 3311K-55 DOSH SIRIM Approved
 3M™ Half Facepiece Single Cartridge Reusable Respirator HF Series DOSH SIRIM Approved		

3M Cartridges, Filters, Retainer and Adapters	
3311K-55	3M™ Organic Vapor Cartridge with P1 Pre-filter, KOSHA Standard
1700	3M™ Filter Holder for use with 1744/ 1744C
1744	3M™ P2 Particulate Filter, KOSHA Standard and AS / NZS 1716
1744C	3M™ P2 Particulate Filter with Nuisance Level Organic Vapour Relief, KOSHA Standard*

Ordering Information - Replacement Parts		
Model	Description	Packaging
For 3000 & HF-50 Series Facepiece		
 381	3M™ Head Harness Assembly	25ea/case
 382	3M™ Inhalation Valve	100ea/case
For 3000 Series Facepiece Only		
 383	3M™ Exhalation Valve	10ea/case

* 3M recommends for relief from nuisance levels of organic vapors. Nuisance level refers to concentrations not exceeding the OSHA PEL, or applicable government occupational exposure limits, whichever is lower.

Note: Accessories & spare parts do not require DOSH SIRIM approval.

Product Matrix Selection: 3M™ Dual Cartridge Facepiece Reusable Respirators

3M™ Facepieces

			
Thermoplastic Facepiece	Rugged Silicon Facepiece	Silicon Facepiece	Thermoplastic Silicon Facepiece
DOSH SIRIM Approved	DOSH SIRIM Approved	DOSH SIRIM Approved	DOSH SIRIM Approved
6100 (S)	6501 QL (S)	7501 (S)	6700 (S)
6200 (M)	6502 QL (M)	7502 (M)	6800 (M)
6300 (L)	6503 QL (L)	7503 (L)	6900 (L)

3M™ Cartridges and Filters

Particulate Filter	3M™ Filter Retainer and Adapter	Gas and Vapor Cartridges
DOSH SIRIM Approved		DOSH SIRIM Approved
 2125 P2R Filter	 502 Filter Adapter ¹	 6051 A1
 2128* P2R Filter		 6057 ABE1
 2135 P3R Filter	 501 Filter Retainer	 6054 K1
 2138* P3R Filter		 6075 A1/ Formaldehyde
 6035 P3R Filter	 5935 P3R Filter	 6059 ABEK1
 6038** P3R Filter		 6096 A1E1HgP3

Type A For use against certain organic gases and vapors with boiling point higher than 65°C.

Type B For use against certain inorganic gases and vapors.

Type E For use against sulphur dioxide and other acidic gases and vapors.

Type K For use against ammonia and organic ammonia derivatives.

Type Hg-P3 For use against mercury. Incorporates a particulate filter.

¹ Do not reuse.

* Filter with nuisance level organic vapor / acid gas relief. 3M recommends for relief against nuisance levels less than OSHA PEL or applicable government exposure limits, whichever is lower. Do not use for respiratory protection against gases or vapors.

** Cartridge filter with hydrogen fluoride and nuisance level organic vapor / acid gas relief. 3M recommends for relief against nuisance levels less than OSHA PEL or applicable government exposure limits, whichever is lower. Do not use for respiratory protection against gases or vapors.

Note: Accessories & spare parts do not require DOSH SIRIM approval.

3M™ Particulate Filters and 3M™ Gas / Vapor Cartridges

All 3M™ Particulate Filters and 3M™ Gas / Vapor Cartridges can be used interchangeably with 3M™ Reusable Respirators 6000, 6500QL and 7000 Series.

3M™ Particulate Filters 2000 Series	Part Number	Description
 DOSH SIRIM Approved • Lightweight and easy to breathe through. • Assortment of filters available for a wide range of applications. • Easier breathing through new 3-layer advanced Electret Filter Media.	2125	3M™ Particulate Filter, P2R
	2128	3M™ Particulate Filter, P2R with Nuisance Level Organic Vapor / Acid Gas Relief*
	2135	3M™ Particulate Filter, P3R
	2138	3M™ Particulate Filter, P3R with Nuisance Level Organic Vapor / Acid Gas Relief*
3M™ Particulate Filter 6000 Series	Part Number	Description
 DOSH SIRIM Approved • Unique, spring-loaded filter cover design simplifies negative pressure user seal checks. • Swept-back design provides enhanced field of view and greater comfort. • 6038 offers a lightweight, low profile design that combines P3R filtration with carbon-loaded features found in heavier combination cartridge products. • Channelled airflow protects filter for enhanced breathability and longer service life.	6035	3M™ Particulate Filter, P3R
	6038	3M™ Cartridge / Particulate Filter, Hydrogen Fluoride, P3R with Nuisance Level Organic Vapor / Acid Gas Relief*
3M™ Gas / Vapor Cartridges 6000 Series	Part Number	Description
 DOSH SIRIM Approved • Swept-back design helps maintain good field of vision and comfort. • Full range of cartridges to meet your needs • Simple installation and usage requirements reduce training needs.	6051	3M™ A1 Organic Vapor Cartridge
	6057	3M™ ABE1 Organic Vapor / Inorganic Vapor / Acid Gas Cartridge
	6054	3M™ K1 Ammonia Cartridge
	6075	3M™ A1 Organic Vapor / Formaldehyde Cartridge
	6059	3M™ ABEK1 Multi Gas Cartridge / Vapor Cartridge
	6096	3M™ A1E1HgP3 Organic Vapor / Acid Gas / Mercury Cartridge with P3 Particulate Filter

Scan here to download our
3M™ Respirator Selection Guideline.



* 3M recommends for relief against nuisance levels of organic vapors and acid gases. Nuisance level organic vapor and acid gas refers to concentrations not exceeding OSHA PEL or applicable government occupational exposure limits, whichever is lower. Do not use for respiratory protection against acid gases or organic vapors (except hydrogen fluoride).

Note: Please refer to local regulation if PEL/OEL/WEL exists, whichever is lower.

NIOSH to CE Certified Bayonet Cartridge and Filter Change Guide

With the implementation of the Malaysia DOSH-SIRIM PPE Certification, all 3M™ Reusable Respirators that are NIOSH US CFR approved will be transitioned to European Standard (EN) – CE Certified. Below are the EN standards related to reusable respirators:

- EN 140 Half Masks & Quarter Masks
- EN 136 Full Face Masks
- EN 14387 Gas Filters & Combined Filters
- EN 143 Particulate Filters

6000 Series Gas and Vapor Cartridges	
NIOSH Certified	CE Certified
 6001 OV	 6051 A1
 6002 AG	 6057 ABE1
 6003 OV + AG	
 6004 Ammonia	 6054 K1
 6005 OV + Formaldehyde	 6075 A1 + Formaldehyde
 6006 Multi-Gas	 6059 ABEK1
 6007 Mercury + OV	 6096 A1E1HGP3*
 6009S Mercury + Chlorine	
2000 & 7000 Series Particulate Filters	
 2071 (P95)	 2125 (P2R)
 2078 (P95 with nuisance level OV/AG)¹	 2128 (P2R with nuisance level OV/AG)¹
 2091 (P100)²	 2135 (P3R)²
 2096 (P100 with nuisance level AG)¹,²	 2138 (P3R with nuisance level OV/AG)¹,²
 2097 (P100 with nuisance level OV)¹,²	
 7093²	 6035²
 7093C¹,²	 6038¹,²
Replaceable Filters (Used with 501 & 6000 Series Cartridges)	
 5N11 (N95) 5P71 (P95)	 5935 P3R

* Comes with P3 filter, without End of Service Life Indicator, ESLI

¹ 3M recommends for odor relief against nuisance level acid gas or organic vapors. Nuisance odor levels are less than OSHA PEL or applicable government occupational exposure limits, whichever is lower. Do not use for respiratory protection against gases or vapors.

² HEPA filters under NIOSH has magenta colour code. CE certified filters have no requirement for colour code.

3M™ 6000 & 7000 Series Replacement Parts

Ordering Information - Replacement Parts			
Product No.	Product	Description	Packaging
For 6200 Series Half Facepiece Respirators			
6281		3M™ Head Strap Assembly	20ea/case
6889		3M™ Exhalation Valve	10ea/case
For 6800 Series Full Facepiece Respirators			
6864		3M™ Center Adapter Assembly comes with 6896 & 7583	20ea/case
6894		3M™ Nose Cup Assembly	5ea/case
6896		3M™ Center Adapter Gasket	20ea/case
6897		3M™ Head Harness Assembly without buckle	5ea/case
6898		3M™ Lens Assembly	5ea/case
6899		3M™ Lens Frame Kit	5ea/case
102		3M™ Spectacle Kit	1ea/kit
6885		3M™ Face Shield Cover	100ea/bag
6886		3M™ Tinted Lens Cover	25ea/case
BAG		3M™ Respirator Drawstring Bag	4ea/pkt
For 6200 Series Half and 6800 Series Full Facepiece Respirators			
6893		3M™ Inhalation Valve	200ea/case
6895		3M™ Inhalation Gasket	80ea/case
For 7500 Series Half Facepiece Respirators			
7581		3M™ Head Harness Assembly	20ea/case
7582		3M™ Inhalation Valve	10ea/case
7586		3M™ Cartridge Filter Holder	20ea/case
For 7500 Series Half and 6800 Series Full Facepiece Respirators			
6583		3M™ Exhalation Valve	10ea/case

3M™ Half Facepiece Reusable Respirator 6500QL Series

This series of respirator is designed with tough and dirty worksites in mind. Stay productive and protected this series delivers comfort, durability and stability with a firm, lightly textured silicone faceseal and strong body construction.



Using the 6500QL Series Quick Latch Drop Down Feature



To open Quick Latch:
Grasp the latch at chin level and pull up.

To close Quick Latch:
Grasp the facepiece with your thumb on the bottom of the facepiece and your first two fingers on top of the latch. Place the facepiece over your nose and mouth while pushing down on the latch.

Adjustable Head Harness Assembly

- Optimum fit and comfort with three-size adjustable head cradle.
- Long-lasting polyester/ spandex straps.

Comfortable, Durable Silicone Faceseal

- 3M's lightest silicone facepiece, the 6500QL Respirator Series provides comfort and stability with a soft, stable faceseal.
- Resilient silicone material keeps its shape in high-heat environments, which can help extend product life.

Low-Profile Design for Compatibility

- Compatible with most welding/grinding shields.
- Advanced half facepiece design for a wide field of view.

3M™ Cool Flow™ Exhalation Valve with Unique Cover Design

- Enhanced comfort by reducing heat and moisture.
- Directs exhaled breath and moisture downward.
- Easy positive pressure seal check.



Quick Latch - Drop-down Mechanism

- Easy on and off as you move in and out of contaminated areas.
- No need to remove your hardhat or faceshield when lowering or raising your respirator.

Ordering Information - Replacement Parts

Product No.	Product	Description	Packaging
6582		3M™ Quick Latch Head Harness Assembly	20ea/case
6583		3M™ Exhalation Valve	10ea/case
6893		3M™ Inhalation Valve	200ea/case

3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800SD Series

Designed with smart and intuitive features, the 3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800SD Series helps protect workers from particulates and a wide variety of gases and vapours when used with approved 3M™ Secure Click™ filters and cartridges.

DOSH SIRIM Approved

3M™ Secure Click™ Half Facepiece Reusable Respirator with Speaking Diaphragm

HF-801SD - Small

HF-802SD - Medium

HF-803SD - Large

New

Speaking Diaphragm

Designed to help provide easier communication while working.

New

Proprietary Silicone Flex-Joint Faceseal

Provides a softer feel for more comfort on the wearer's face.

New

Unique Filter & Cartridge Connection

Align the connections and push to hear a click.

Easy-Adjust Buckle

Simple two-way adjustability: pull straps to tighten, squeeze wings to loosen.



New

Push Button Seal Check

Provides increased worker confidence that the respirator is being worn properly.

New

Better Breathability

Two dual-flow cartridges on each respirator combine four airflow paths for easier breathing.

Exhalation Valve

Helps direct exhaled breath and moisture downward.

Swept Back Filter & Cartridge Design

For compatibility with certain welding and grinding shields.

3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800SD Series

**Hear it:**

Work with the confidence provided by the all new 3M™ Secure Click™ connection, that filters/cartridges are installed properly. Simply align the connections and push to hear a click.

**Check it:**

Increase worker confidence that the respirator is being worn properly with the easy, one-touch, user seal check.

**Feel it:**

Experience the greater breathability and comfort provided by the world's first quad-flow gas and vapour filter/combination filter system.

**Say it:**

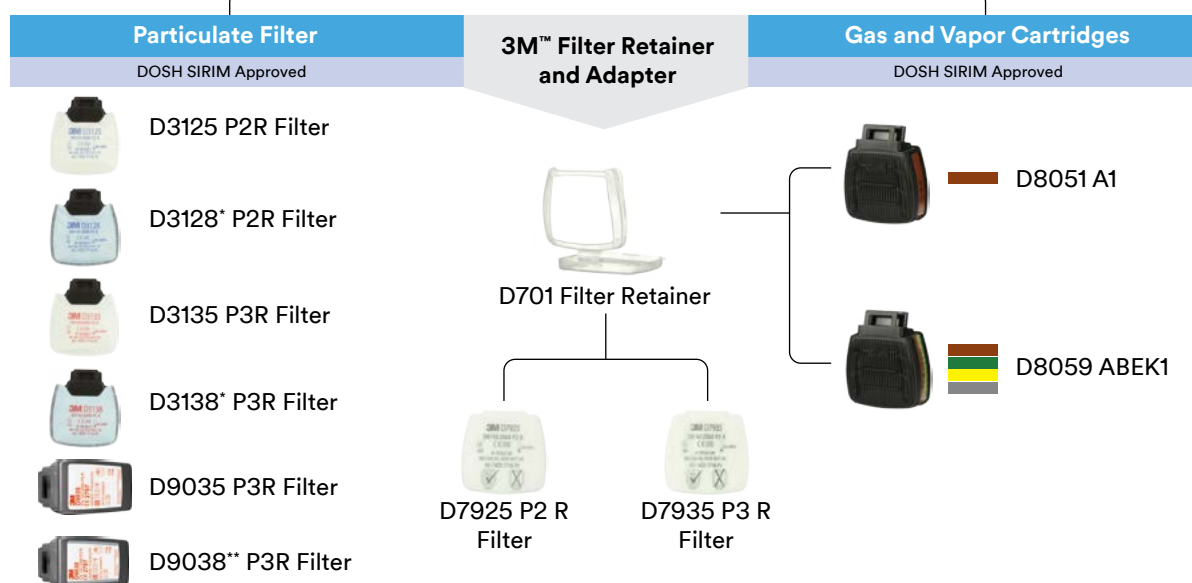
Utilise the speaking diaphragm designed to help provide easier communication while working.

Product Matrix Selection: 3M™ Secure Click™ Dual Cartridge Facepiece Reusable Respirator

3M™ Facepieces

Silicon Facepiece
DOSH SIRIM Approved
HF-801SD (S)
HF-802SD (M)
HF-803SD (L)

3M™ Cartridges and Filters



- Type A** For use against certain organic gases and vapors with boiling point higher than 65°C.
- Type B** For use against certain inorganic gases and vapors.
- Type E** For use against sulphur dioxide and other acidic gases and vapors.
- Type K** For use against ammonia and organic ammonia derivatives.

* Filter with nuisance level organic vapor / acid gas relief. 3M recommends for relief against nuisance levels less than OSHA PEL or applicable government exposure limits, whichever is lower. Do not use for respiratory protection against gases or vapors.

** Cartridge filter with hydrogen fluoride and nuisance level organic vapor / acid gas relief. 3M recommends for relief against nuisance levels less than OSHA PEL or applicable government exposure limits, whichever is lower. Do not use for respiratory protection against gases or vapors.

Note: All facepiece, cartridge and filters are DOSH SIRIM approved. Accessories and spare parts do not require DOSH SIRIM approval.

Ordering Information - Replacement Parts

Product No.	Product	Description	Packaging
HF-800-02		3M™ Secure Click™ Inhale & Exhale Valve	10ea/case
HF-800-03		3M™ Secure Click™ Quantitative Fit Test Adapter Kit	1ea/case
HF-800-04		3M™ Secure Click™ Head Harness Assembly	5ea/case
HF-800-05		3M™ Secure Click™ Speaking Diaphragm Assembly	5ea/case

Respirator Select and Service Life Software

3M have designed state of the art software to help make the selection of 3M™ Respirators and filters easier. The user-friendly software also helps users estimate the service life of 3M™ Gas and Vapour Filters.

The 3M™ Select and Service Life Software simplifies and speeds up the selection of 3M™ Respirators through a user-friendly interface that allows the user to enter contaminants and their concentrations.

With the ability to analyse more than 700 different chemicals, and mixtures of chemicals, the software provides a series of prompts to the user to select an appropriate respirator. A record is also provided of the choices made by the user.

Respiratory filters have a limited service life, this is the estimated period of time before breakthrough of a chemical for a specific filter. Respiratory protection standards and/or good practice often require users of chemical filter respirators to implement a filter change schedule based on "objective information or data" to help prevent worker overexposure.

The 3M™ Select and Service Life Software offers the additional capability of estimating the frequency of replacement of 3M™ Gas and Vapour Filters. The software calculates service life based on workplace conditions such as contaminant concentration. This information can then be used to establish a filter change schedule.



3M™ Select Software

3M™ Select Software is designed to help you choose the appropriate 3M™ Respirator for your work environment.



3M™ Service Life Software

The Service Life calculation is designed to help you estimate the service life of selected 3M™ Gas and Vapour Filters.

To use the software simply visit:
www.3M.com/SLS





3M™ Hearing Protection Solutions

3M™ Earmuffs or 3M™ Earplugs can help to make your workers want to wear one and promote compliance as required at all times during exposure.

The Challenge of Hearing Protection

You can advance your hearing conservation programme with a customised and comprehensive approach to the hearing protection challenge. Implementing a solution that really makes a difference begins with understanding the hazards, the regulation and the factors that impact protection.

The Facts

The #1 Reported Occupational Health Issue:

data from the Malaysia SOCSO for that noise induced hearing loss is one of the highest reported occupational diseases in Malaysia.

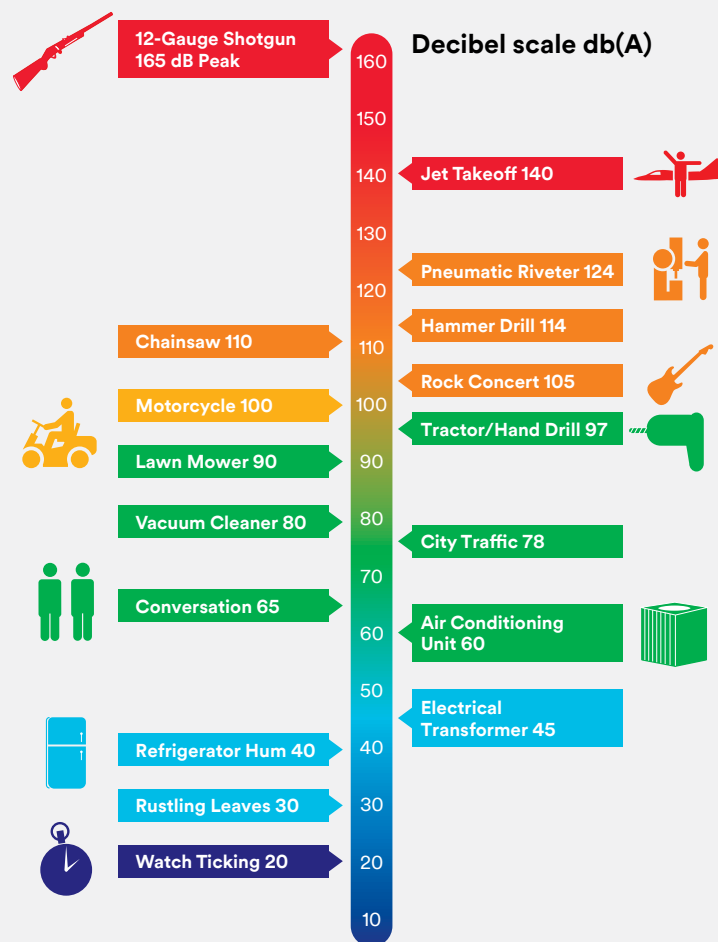
The Regulations

Malaysia OSHA Noise Exposure Limit (NEL)

- Employer shall ensure, nobody is allowed to be exposed exceeding:-
 - (A) Daily Noise Exposure Level - 85dB(A)
 - (B) Maximum SPL - 115dB(A) at any time
 - (C) Peak SPL - 140dB(C)

The Hazards

At home and work, it's important to understand which sounds may cause hearing loss and require hearing protection.



The Real World Hearing Concerns of Hearing Protection Variable Noise Levels: Every environment is different and workers can face a wide range of sound levels throughout the day and in different areas at the same facility.

The Human Factor: Each person has a different shape, size and anatomy of the ear canal, so there is no one-size fits all hearing protection solution. The key to achieving optimal protection is having the best fit possible.

Employee Communication: Where there is an essential need for workers to communicate or hear warning sounds it is vital that their hearing is protected from hazardous noise levels.

Note :

- Daily Personal Noise Dose** means cumulative noise exposure of an employee **corrected for a normal working day of 8 hours**.
- If exposed to an excessive noise exceeding NEL, the employer shall take such measures to reduce the excessive noise.

3M™ Hearing Protection and Validation Solutions

As a global leader in sound and noise detection, hearing protection and fit test validation, 3M delivers easy and comprehensive solutions to complex hearing protection challenges.

Fit Test Validation

Integrating hearing protector fit testing into your hearing conservation program benefits everyone from new hires to high-risk workers. The 3M™ E-A-Rfit™ Validation System makes it easier to fit, train and motivate workers and to assess and manage the long-term performance of your hearing conservation program. 3M's broad range of hearing protection devices in a variety of types and styles helps you solve many of the challenges facing workers in various environments.

Adaptable Hearing Protection

3M delivers a wide range of innovative hearing protectors, making it easy to select the right solution for the job. A variety of types and sizes of earplugs and earmuffs are available, helping your team determine the right fit for each person and the right protection for the application. Our innovative products are designed for comfortable, extended wear, and they can help your team comply with your safety program.

3M's broad range of hearing protection devices in a variety of styles and materials helps you solve many of the challenges facing workers in various environments.



The importance of wearing hearing protection 100% of time exposed.



100 % Usage

Gives the expected protection.



99 % Usage

Just five minutes of carelessness per day significantly reduces the effect of the hearing protector.



90% Usage

Virtually no protection.

All 3M™ Personal Hearing Protection Products* are tested in accordance with
EN 352-1 - Hearing protectors - Ear muffs
EN 352-2 - Hearing protectors - Ear plugs
EN 352-3 - Hearing protectors - Ear muffs attached to a safety helmet

* Except for 3M™ E-A-R™ Flexible Fit HA Earplugs that are tested in accordance with ANSI S3.19.

Earplug

Roll Down Earplugs



3M™ E-A-Rsoft™ Yellow Neons™ Earplugs

- Proven size, shape, and foam.
- Moisture-resistant, dermatologically-safe foam is not irritating.
- Slow recovery foam provides comfort with low pressure.
- SNR 34 dB.

DOSH SIRIM Approved

Product	Description	Packaging
311-4266 / ES-01-005	3M™ E-A-Rsoft™ Yellow Neons™ Corded Earplugs, in Poly Bag	200 pairs/box, 10 boxes/case



3M™ 1000 Foam Earplugs

- Tapered design to fit the ear canal comfortably.
- Smooth, dirt resistant surface for hygiene.
- Can be combined with ear muffs for additional protection.
- Soft cloth cord for additional convenience and to help prevent loss of earplugs (1110 only).
- SNR 35 dB.

DOSH SIRIM Approved

Product	Description	Packaging
1100	3M™ Uncorded Earplugs, in Poly Bag	200 pairs/box, 5 boxes/case
1110	3M™ Corded Earplugs, in Poly Bag	100 pairs/box, 5 boxes/case



3M™ E-A-Rsoft™ Metal Detectable Earplugs

- Implanted stainless steel ball in the earplug with metal infused cord detectable by metal sensing systems in the food and beverage industry.
- Soft, pliable foam helps improve comfort for extended use.
- SNR 34 dB.

DOSH SIRIM Approved

Product	Description	Packaging
ES-01-011A	3M™ E-A-Rsoft™ Metal Detectable Corded Earplugs, in Poly Bag	200 pairs/box, 10 boxes/case

Earplugs

Reusable Earplugs



3M™ E-A-R™ UltraFit™ Earplugs

- Reusable earplugs.
- Proprietary flange design gives the most comfortable fit of any reusable plug.
- Conforms to oval shape of ear.
- Washable, promotes worker hygiene.
- No rolling or touching plug portion during insertion.
- SNR 29 dB.

DOSH SIRIM Approved

Product	Description	Packaging
UF-01-000	3M™ E-A-R™ UltraFit™ Corded Earplugs, in Pillow Pack	50 pairs/box, 10 boxes/case
UF-01-100	3M™ E-A-R™ UltraFit™ Corded Earplugs, in Carry Case	50 pairs/box, 4 boxes/case



3M™ Corded Reusable Earplugs 1271

- Washable, reusable. Ideal for dusty, dirty situations.
- Soft elastic triple flanged design to securely fit ear canal.
- Includes storage case which keeps the plugs clean and protected.
- SNR 26 dB.

DOSH SIRIM Approved

Product	Description	Packaging
1271	3M™ Corded Reusable Earplugs, in Carry Case	50 pairs/box, 5 boxes/case



3M™ E-A-R™ Tracers™ Metal Detectable Earplugs

- Implanted stainless steel ball in the earplug detectable by metal sensing systems in the food and beverage industry.
- Pre-moulded triple flange that is designed to fit most ear canals and offer substantial ear protection.
- Washable, promotes worker hygiene.
- SNR 30 dB.

DOSH SIRIM Approved

Product	Description	Packaging
TR-01-000	3M™ E-A-R™ Tracers™ Metal Detectable Corded Earplugs, in Pillow Pack	50 pairs/box, 4 boxes/case

3M™ Peltor™ Earmuffs

OPTIME™ Series

- Optime™ Classification System for easy product selection.
- Proprietary liquid & foam-filled cushions for better seal and lower pressure.
- Simple height adjustment.
- Wide ear cushions for comfort.
- Padded, wide headband for extended wear.
- Stainless steel headband wires.
- Four-point suspension to help distribute cushion pressure evenly.

3M™ Peltor™ Optime™ I Series Earmuffs DOSH SIRIM Approved



Optime I Earmuffs offer versatile protection and are very lightweight providing high wearer comfort. They combine a low profile with generous inner depth which makes them easy to combine with other equipment, allowing the ear to rest comfortably. Optime I Earmuffs are your choice for both short and long duration tasks.

The wide, comfortable sealing rings are filled with a unique combination of fluid and foam, which gives optimum sealing and low contact pressure at the same time. It is ideal for use in environments with moderate industrial noise, such as workshops, sheet-metal shops and printing works, but also suitable outdoors, such as lawn mowing or in connection with hobby and leisure activities.

Product	Description
H510A	3M™ Peltor™ Optime™ I Series Earmuff, over-the-head, Yellow, SNR 27 dB
H510P3E	3M™ Peltor™ Optime™ I Series Earmuff, helmet attached, Yellow, SNR 26 dB
HYX1	Replacement Hygiene Kit

3M™ Peltor™ Optime™ II Series Earmuffs DOSH SIRIM Approved



The PELTOR Optime II Earmuff has been developed for demanding noisy environments and muffles even extremely low frequencies to a maximum degree. The sealing rings are filled with a unique combination of liquid and foam. The result is an optimum seal with low contact pressure, which provides agreeable comfort even during long-term use. The sealing rings have ventilation channels and are covered with soft, patterned, hygienic foam.

PELTOR Optime II Earmuff is a suitable choice for environments with substantial industrial noise or construction machinery, airports and agricultural work.

Product	Description
H520A	3M™ Peltor™ Optime™ II Series Earmuff, over-the-head, Green, SNR 31 dB
H520P3E	3M™ Peltor™ Optime™ II Series Earmuff, helmet attached, Green, SNR 31 dB
HYX2	Replacement Hygiene Kit

3M™ Peltor™ Optime™ III Series Earmuffs DOSH SIRIM Approved



Optime III Earmuff is a high performance hearing protector and has been developed for use in extremely noisy environments. The protection is based on a technology with a double casing minimising resonance in the holder casing resulting in maximum high-frequency attenuation.

The sealing rings are broad and filled with soft plastic foam for the best fit and low contact pressure. The PELTOR Optime III Earmuff stands for effective protection and highest comfort for the wearer.

Product	Description
H540A	3M™ Peltor™ Optime™ III Series Earmuff, over-the-head, Black/Red, SNR 34 dB
H540B	3M™ Peltor™ Optime™ III Series Earmuff, neckband, Black/Red, SNR 34 dB
H540P3E	3M™ Peltor™ Optime™ III Series Earmuff, helmet attached, Black/Red, SNR 33 dB
HY54	Replacement Hygiene Kit

Note: Accessories & spare parts do not require DOSH SIRIM approval.

3M™ Peltor™ X Series Earmuffs

A new standard

Design, Comfort and Attenuation Techniques. 3M developed the new 3M™ Peltor™ X Series Earmuffs based on these three pillars. In the addition to simplicity of use and ease of identification, the new range earmuffs are now the new reference point in terms of over-the-ear protection.

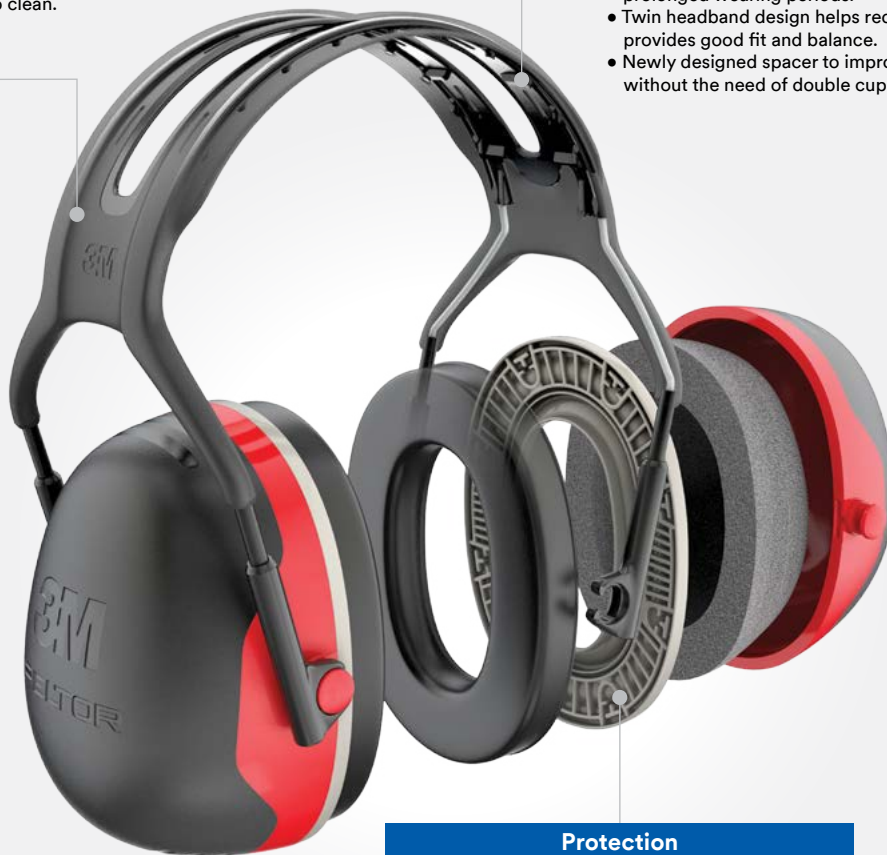


Design

- Protected wire headband - building on the success design of the current 3M™ Peltor™ Optime™ range of earmuff.
- Light-weight dual mould cups with maximum space inside to help minimize heat and moisture build-up.
- Integrated design for more robustness.
- Color coded for ease of selection.
- Electrical insulated headband.
- Easy to clean.

Comfort

- Easy to adjust headband.
- Wire headband with constant pressure over prolonged wearing periods.
- Twin headband design helps reduce heat build-up, provides good fit and balance.
- Newly designed spacer to improve attenuation without the need of double cup design.



Protection

- Streamlined cups without compromising attenuation.
- Compatible with a range of 3M™ Eyewear and 3M™ Respirators (validated by internal testing).
- New smart sealing ring.



3M™ Peltor™ X4A Earmuffs

- Extremely slim and lightweight earcups provide excellent compatibility when used with other 3M personal protection products.
- New specially-formulated foam earcup inserts and cushions help boost the noise-blocking capability of these comfortable, lightweight earmuffs.
- Features an electrically insulated (dielectric) wire headband**
- Colour coded fluorescent yellow-green for excellent visibility.

DOSH SIRIM Approved

Product	Description
X4A	3M™ Peltor™ X Series, Over-the-Head Earmuffs, SNR 33 dB
X4P5E	3M™ Peltor™ X Series, Hard Hat-Attached Earmuff, SNR 32 dB
HYX4	Replacement Hygiene Kit



3M™ Peltor™ X5A Earmuffs

- New groundbreaking technology allows 3M™ Peltor™ Earmuffs to provide very high noise reduction in both standard headband and hard hat-attached models.
- Unique attenuation as result of optimum combination of specially-formulated foam featured in the earcups, cushions and the innovative spacer and cup design.
- Despite the larger earcups, the X5 remains relatively lightweight with excellent balance and comfort.
- Features an electrically insulated (dielectric) wire headband**

DOSH SIRIM Approved

Product	Description
X5A	3M™ Peltor™ X Series, Over-the-Head Earmuffs, SNR 37 dB
X5P5E	3M™ Peltor™ X Series, Hard Hat-Attached Earmuff, SNR 36 dB
HYX5	Replacement Hygiene Kit

Note: Accessories & spare parts do not require DOSH SIRIM approval.

** Electrically insulated. The bracket arms of helmet attachment earmuffs are made of non-conductive (sometimes referred to as 'dielectric') material whilst the metal components of the attachment mechanisms are covered in non-conductive material. The metal wire of the headband earmuffs are covered in a non-conductive material. These products were found to be electrically insulated, withstanding a voltage up to 1,2 kV, at an external laboratory against a modified test method based on EN 397:2012 under dry conditions. The user must determine the overall suitability of this product for the intended application taking into account any hazards other than noise for which this product is tested and approved.

3M™ Hearing Protection Product Reference Guide

Category	Product	Neck Corded Option	Moisture Resistant	Slow Recovery Foam	Pillow Pack	Hi-Viz	Users wears glove or has dirty hands	Metal Detectable	Single Number Rating (SNR)
Roll Down Foam Disposable Earplugs	 E-A-Rsoft™ Yellow Neons™ Earplugs	•		•		•			34 dB
	 1100 / 1110 Earplugs	•		•					35 dB
	 3M™ E-A-Rsoft™ Metal Detectable Earplugs	•		•				•	34 dB
Reusable Earplugs	 UltraFit™ Earplugs	•	•		•		•		29 dB
	 1271 Earplugs	•	•				•		26 dB
	 3M™ E-A-R™ Tracers™ Metal Detectable Earplugs	•	•		•		•	•	30 dB

3M™ Hearing Protection Product Reference Guide

Category	Product	Neckband	Headband	Helmet attached	Hi-Viz	Di-electric	Slim line cup	Twin headband design	Single Number Rating (SNR)
Earmuffs	 Peltor™ Optime™ III H540 Earmuffs	•	•	•					Neckband 34 dB Helmet attachment 33 dB Headband 34 dB
	 Peltor™ Optime™ II H520 Earmuffs		•	•					Helmet attachment 31 dB Headband 31 dB
	 Peltor™ Optime™ I H510 Earmuffs		•	•					Headband 27 dB Helmet attachment 26 dB
	 Peltor™ X4 Earmuffs		•	•	•	•*	•	•	Headband 33 dB Helmet attachment 32 dB
	 Peltor™ X5 Earmuffs		•	•		•*		•	Headband 37 dB Helmet attachment 36 dB

* Di-electric only available on headband

ANSI to CE Standard Product Change Recommendation

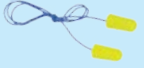
With the implementation of the Malaysia DOSH-SIRIM PPE Certification, all 3M™ Personal Hearing Protectors (PHP) that are ANSI S3.19 certified will be transitioned to European Standard (EN) – CE Certified.

Below are the EN standards related to PHP:

EN 352-1 Over the Head/Headband Earmuffs

EN352-2 Earplugs

EN352-3 Helmet Attached Earmuffs

Current ANSI S3.19 Certified		Recommended CE Certified Alternative	
Model	Noise Reduction Rating (NRR)	Model	Single Number Rating (SNR)*
1100 	29 dB	1100 	35 dB
1110 	29 dB	1110 	35 dB
1270 	24 dB	1271 	26 dB
1271 	24 dB		
Yellow Neons™ 311-1250 	33 dB	Yellow Neons™ ES-01-005 311-4266 	34 dB
Yellow Neons™ 312-1250 	33 dB		
TaperFit™ 312-1219 	32 dB		
TaperFit™ 312-1223 	32 dB		
1292 	25 dB	UltraFit™ UF-01-000 	29 dB
UltraFit™ 340-4004 	25 dB		
1293 	25 dB	UltraFit™ UF-01-100 	29 dB
UltraFit™ 340-4002 	25 dB		

Current ANSI S3.19 Certified			Recommended CE Certified Alternative	
Model		Noise Reduction Rating (NRR)	Model	Single Number Rating (SNR)*
Optime™ 95 H6A		21 dB	Optime™ I H510A	 27 dB
Optime™ 95 H6P3E		21 dB	Optime™ I H510P3E	 26 dB
Optime™ 98 H9A		25 dB	Optime™ II H520A	 31 dB
Optime™ 98 H9P3E		23 dB	Optime™ II H520P3E	 31 dB
Optime™ 101 H7A		27 dB	Optime™ III H540A	 34 dB
Optime™ 105 H10A		30 dB		
Optime™ 101 H7P3E		24 dB	Optime™ III H540P3E	 33 dB
Optime™ 105 H10P3E		27 dB		
Optime™ 105 H10B		29 dB	Optime™ III H540B	 34 dB
X4A		27 dB	X4A	 33 dB
X4P5E		25 dB	X4P5E	 32 dB
X5A		31 dB	X5A	 37 dB
X5P5E		31 dB	X5P5E	 36 dB

Frequently Asked Questions

- Flexible Fit Earplugs** (328-1000 & 328-1001) are already approved by DOSH SIRIM under ANSI standard. These models will continue to be marketed as ANSI S3.19 tested.
- Any existing ANSI tested PHP models not listed in tables above do not have a suitable alternative recommendation.** Please consult our 3M representatives or authorized distributors for further information.
- SNR - Single Number Rating** (the value that is subtracted from the measured C-weighted sound pressure level, LC in order to estimate the effective A-weighted sound pressure level inside the ear)
- DOSH clarified in its website here, that after enforcement, existing PPE without DOSH approval is allowed to use until its expiry. The **next purchase of PPE must have DOSH approval with DOSH-SIRIM certification marks.**

*3M strongly recommends fit testing of hearing protectors. Research suggests that many users will receive less noise reduction than indicated by the SNR due to variation in hearing protector fit, fitting skill and motivation of the user. Refer to your applicable regulations for guidance on how to adjust label values and estimate attenuation. In addition, 3M™ E-A-Rfit™ Dual-Ear Validation System can support your fit testing needs for improved wear; compliance and assess individual Personal Attenuation Rate (PAR).

- EN 458 Hearing protector recommendations for selection, use, care and maintenance guide recommend user review PHP rating not limit to SNR, but also Octave Band, High Medium Low (HML) method.
- EN 458 recommended use only tested and certified combinations of helmet and earmuff.

3M™ E-A-Rfit™ Dual-Ear Validation System

With the Malaysia New Noise Exposure Regulation 2019, stricter control on excessive noise level (action level) and noise exposure limit (permissible exposure limit) in the workplace has been implemented and enforced. Besides that, workers' who are exposed to noise hazards are also required to be trained annually and correct personal hearing protector (PHP) to be provided in accordance with the selection guide stated in the Industry Code of Practice for Management of Occupational Noise Exposure and Hearing Conservation 2019 (ICOP). 3M™ E-A-Rfit™ Dual-Ear Validation System act as a proactive tool to prepare you in complying with this regulation. Find out more about how this system can help you below or contact 3M at 3mmypsd@mmm.com for more information and demonstration.



The right fit test. Right now.

- Tests both ears simultaneously in under 5 second.
- Earmuff and earplug testing capability.
- Tests at 7 frequencies from 125Hz to 8000Hz.
- Science-based objective, quantitative testing

The challenge of hearing protection.

How do you know if your workforce is protected?

Protecting workers from hazardous noise levels is an ongoing challenge for many organizations. In fact, according to the U.S. Bureau of Labor Statistics (2010)*, the most commonly recorded occupational health issue in the manufacturing sector is permanent hearing loss. The success of your safety program depends on many factors and requires more than just offering hearing protection.

Individual Fit Testing Using F-MIRE

Using F-MIRE (Field Microphone-In-Real-Ear) technology, the 3M™ E-A-Rfit™ Dual-Ear Validation System generates a Personal Attenuation Rating (PAR) in under 5 seconds for both ears, taking into account the 7 standard measured testing frequencies.

- Measures how well 3M's most popular earplugs and earmuffs perform.
- Delivers a quantitative measurement of personal noise reduction for each employee.
- Can help identify whether or not the employee has adequate protection.

The Right Protection for Your Facility

Get results you can trust. The 3M™ E-A-Rfit™ Dual-Ear Validation System measures the effectiveness of the hearing protection from inside the employee's ear, providing accurate, quantitative results. And because you can simultaneously test both ears, you'll have more time to educate employees on the importance of fit and compliance.

- 1 Fit**
Have the employee insert their earplugs or put on their earmuffs.
- 2 Test**
Connect to microphones and begin speaker test sound.
- 3 Assess**
Use PAR to customize hearing protector selection.



* Source: <http://www.cdc.gov/niosh/docs/2010-136/pdfs/2010-136.pdf>



3M™ Protective Eyewear

3M™ Protective Eyewear Products are designed with your safety in mind. 3M's dedication to quality ensures all 3M protective eyewear products meet both physical and optical requirements of the ANSI Z87.1 Standard as High Impact Protectors.

3M™ SecureFit™ Protective Eyewear

Performance. Style. Comfort.



Protecting your vision on the job is important. But it doesn't have to mean sacrificing style or comfort. Get eyewear that performs – and looks good doing it. Featuring a comfortable fit and a sleek profile designed to work with other personal protective equipment, 3M™ SecureFit™ Protective Eyewear helps keep you safe and comfortable on the job.



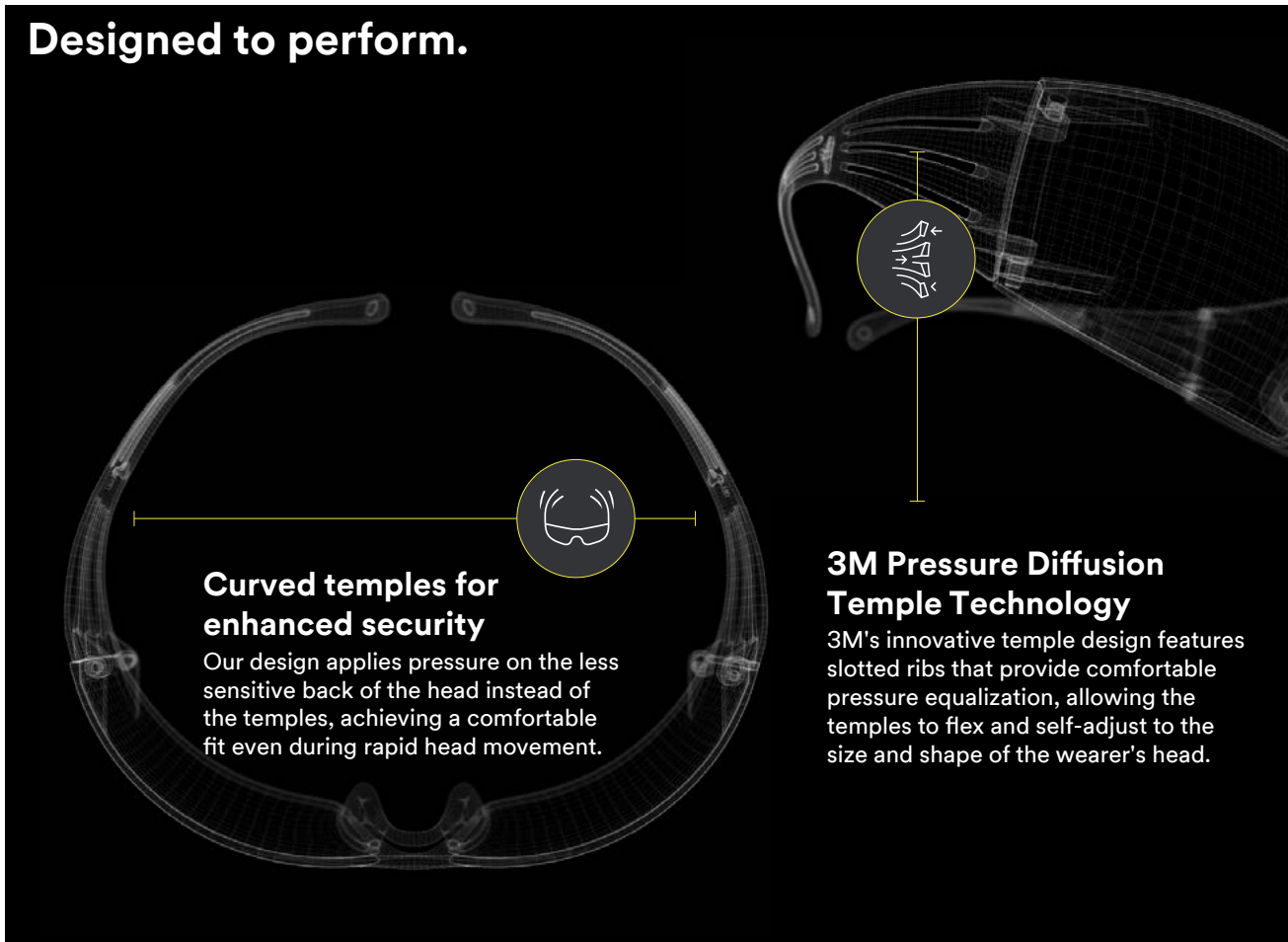
**The science
of comfort.**



We collected data on head and face shapes around the world to develop a patented design that self-adjusts to individual head sizes and shapes. This design provides the same level of comfort to individuals across a diverse workforce.

Regardless of head size, from small heads to large heads, our 3M Pressure Diffusion Temple Technology is designed to provide a secure and comfortable fit for an extended period of wear time.

Designed to perform.



The benefits are clear.

Fogged lenses can be frustrating and dangerous. But 3M™ SecureFit™ Protective Eyewear models featuring 3M™ Scotchgard™ Protector Anti-Fog Coating can help workers see clearly for longer, thanks to an active ingredient that bonds the coating to the lens.

Uncoated



Microscopic water droplets bead up, forming condensation and fog which obscure vision.



3M™ Scotchgard™ Protector Anti-Fog Coating



Reduced contact angle flattens water beads into a thin, transparent film that allows light to pass through.



3M™ Scotchgard™ Protector Anti-Fog Coating

- Resist fogging longer than traditional anti-fog coating through up to 25 washings with water.
- Helps provide scratch resistance in tough work environments.
- Designed for working in challenging situations, such as hot and humid conditions, indoor/outdoor work, physically demanding tasks and climate-controlled areas.
- The coating can be disinfected with diluted bleach soaking or alcohol wipes without losing its anti-fog performance.

3M™ SecureFit™ Protective Eyewear

300 Series

When it comes to eye protection, the right fit makes all the difference. The 3M™ SecureFit™ Protective Eyewear 300 Series features an adjusted lens angle and soft nose bridge designed to help accommodate tall cheekbone structure and low nose bridge height. Proprietary 3M Pressure Diffusion Temple Technology - a scientific advancement that helps diffuse pressure over the ear, enhancing frame temple comfort while not compromising security of fit. Complies to ANSI Z87.1 and DOSH SIRIM approved.

DOSH SIRIM Approved



Clear



Gray

Model	Product Description	Lens	Coating Performance
SF301AF	3M™ SecureFit™ Protective Eyewear, Clear Anti-Fog Coating Lens	Clear	AF
SF302AF	3M™ SecureFit™ Protective Eyewear, Gray Anti-Fog Coating Lens	Gray	AF
SF301SGAF-LBL	3M™ SecureFit™ Protective Eyewear, Ice Blue Temple, Clear 3M™ Scotchgard™ Protector Anti-Fog Coating Lens	Clear	3M™ Scotchgard™ AF
SF302SGAF-LBL	3M™ SecureFit™ Protective Eyewear, Ice Blue Temple, Gray 3M™ Scotchgard™ Protector Anti-Fog Coating Lens	Gray	3M™ Scotchgard™ AF

3M™ SecureFit™ Protective Eyewear

400 Series

The experience of putting on 3M™ SecureFit™ Protective Eyewear 300 Series is game-changing. Now, the new 3M™ SecureFit™ Protective Eyewear 400 Series enhances comfort and security of fit with soft adjustable nose pads and dual injected temples. Complies to ANSI Z87.1 and DOSH SIRIM approved.

DOSH SIRIM Approved

Dual-injected, padded temple touchpoints for added comfort over the ears

Soft, adjustable nosepads for greater personalization

Polycarbonate lenses absorb 99.9% of UVA & UVB. Meets the requirements of ANSI Z87.1-2010.

Motion-inspired, contoured piping in a bold, modern color palette for an infusion of style



Features proprietary self-adjusting 3M Pressure Diffusion Temple Technology

The 400 Series features 3M Pressure Diffusion Temple Technology, soft adjustable nose pads & dual-injected temples



Clear



Gray



Indoor / Outdoor

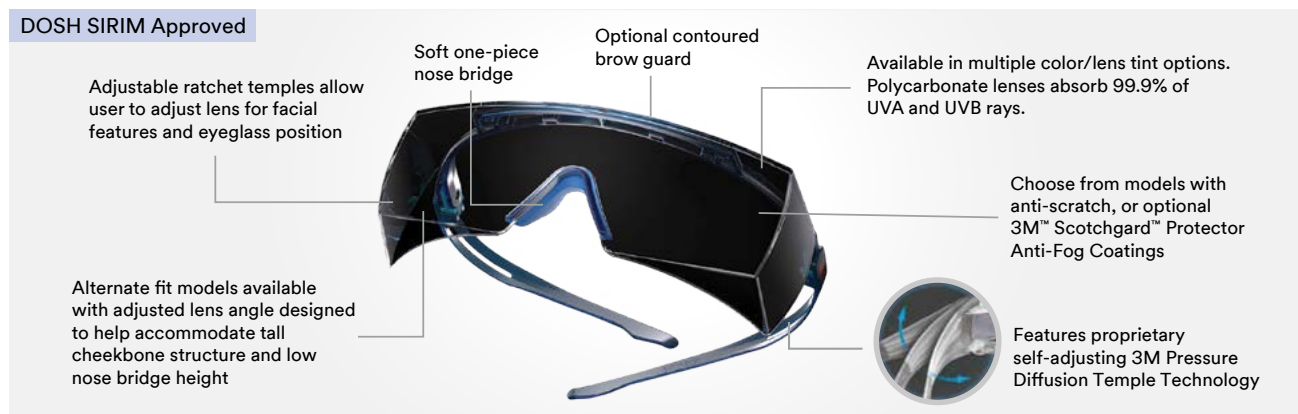
Model	Product Description	Lens	Coating Performance
SF401AF	3M™ SecureFit™ Protective Eyewear, Clear Anti-Fog Coating Lens	Clear	AF
SF402AF	3M™ SecureFit™ Protective Eyewear, Gray Anti-Fog Coating Lens	Gray	AF
SF410AS	3M™ SecureFit™ Protective Eyewear, Indoor / Outdoor Anti-Scratch Coating Lens	Indoor/Outdoor	AS
SF-FOAM*	3M™ SecureFit™ Replacement Foam Gasket	-	-
SF401SGAF-BLU	3M™ SecureFit™ Protective Eyewear, Blue/Blue, Clear 3M™ Scotchgard™ Protector Anti-Fog Coating Lens	Clear	3M™ Scotchgard™ AF
SF402SGAF-BLU	3M™ SecureFit™ Protective Eyewear, Blue/Blue, Gray 3M™ Scotchgard™ Protector Anti-Fog Coating Lens	Gray	3M™ Scotchgard™ AF
SF407SGAF-BLU	3M™ SecureFit™ Protective Eyewear, Blue/Blue, Indoor / Outdoor 3M™ Scotchgard™ Protector Anti-Fog Coating Lens	Indoor/Outdoor	3M™ Scotchgard™ AF

* Accessories do not require DOSH SIRIM approval.

3M™ SecureFit™ Protective Eyewear

3700 Series

3M™ SecureFit™ 3700 Series is designed to offer eye protection with all-day wearability for workers with protection eyeglasses. Since prescription glasses may not be anti-fog coated, you can choose between a standard anti-scratch coating or 3M™ Scotchgard™ Protector Anti-Fog Coating. All models are DOSH SIRIM approved.



Product ID: **SF3701ASGAF-BLU**
 Lens: **Clear**
 Frame: **Blue/Blue**
 Coating: **3M™ Scotchgard™ Protector Anti-Fog**



Product ID: **SF3707ASGAF-BLU**
 Lens: **Indoor/Outdoor**
 Frame: **Blue/Blue**
 Coating: **3M™ Scotchgard™ Protector Anti-Fog**



Product ID: **SF3702ASGAF-BLU**
 Lens: **Gray**
 Frame: **Blue/Blue**
 Coating: **3M™ Scotchgard™ Protector Anti-Fog**



Product ID: **SF3750AS-BLK**
 Lens: **IR 5.0 Gray**
 Frame: **Clear/Black**
 Coating: **Anti-Scratch**

Model	Product Description	Lens	Coating Performance
SF3701ASGAF-BLU	3M™ SecureFit™ 3700 Series, Blue/Blue, Clear OTG 3M™ Scotchgard™ Protector Anti-Fog Coating Lens	Clear	3M™ Scotchgard™ AF
SF3702ASGAF-BLU	3M™ SecureFit™ 3700 Series, Blue/Blue, Gray OTG 3M™ Scotchgard™ Protector Anti-Fog Coating Lens	Gray	3M™ Scotchgard™ AF
SF3707ASGAF-BLU	3M™ SecureFit™ 3700 Series, Blue/Blue, Indoor/Outdoor Gray OTG 3M™ Scotchgard™ Protector Anti-Fog Coating Lens	Indoor/ Outdoor Gray	3M™ Scotchgard™ AF
SF3750AS-BLK	3M™ SecureFit™ 3700 Series, Clear/Black, IR 5.0 Gray OTG Anti-Scratch Lens	IR 5.0 Gray	AS

3M™ Value Safety Eyewear

Virtua™ Series



3M™ Virtua™ Sport Asian Fit Eyewear

DOSH SIRIM Approved

Sporty styling for better compliance.

- Economical eyewear with wrap-around design
- Comfortable, ultra light frame
- High Impact polycarbonate filters 99.9% UV
- Lightweight
- Meets ANSI Z87.1-2003 and CSA Z94.1 standards

Model	Description	Lens
10434-00000-20	Safety spectacles	Clear Anti-Fog Lens

3M™ Overspectacle



3M™ 1611 Overspectacle DOSH SIRIM Approved

Low cost overspectacles, designed to fit over most prescription glasses. Ideal for visitors. Uncoated polycarbonate lens provides impact protection.

- Practical
- Polycarbonate lens absorbs 99.9% UV light
- Lightweight for comfort
- AS/NZS1337 Medium Impact Rating
- Wraparound coverage with side shields

Model	Description	Lens
1611	Visitor Spectacles	Clear frame/clear lens



3M™ OX™ Protective Eyewear 12163 DOSH SIRIM Approved

For workers with prescription glasses, 3M™ OX™ Protective Eyewear offers an extended field of vision with its wide profile. Its seamless lens with built-in side shields secures an uninterrupted sight range with over-the-glass coverage. OX protective eyewear increases comfort and delivers a flexible over-the-glass coverage.

- Over-the-glass coverage for prescription eyeglass wearers
- Polycarbonate lens absorbs 99.9% of harmful UVA and UVB rays

Model	Description	Lens
12163	Over-The-Glass Protective Eyewear	Clear Lens with Anti-Fog Coating

3M™ Safety Goggles



3M™ 1621AF Safety Goggle DOSH SIRIM Approved

- Have polycarbonate lenses to protect against chemical splashes.
- The pliable vinyl frames provide a comfortable fit and vents enhance air circulation to prevent fogging.

Model	Description	Lens
1621AF	Safety Goggle	Polycarbonate and Anti-Fog Lens



3M™ 1623AF Safety Goggle DOSH SIRIM Approved

- Feature a wrap-around design for greater peripheral vision, Anti-Fog coating to minimize fogging.
- Hard-coated polycarbonate lens offering scratch resistance and 99% reduction of ultraviolet radiation (UVA and UVB) from natural sunlight.

Model	Description	Lens
1623AF	Safety Goggle	Anti-Fog and Hard-Coat Lens



3M™ GoggleGear™ 500 Series DOSH SIRIM Approved

This series is created with 3M™ Scotchgard™ Protector Anti-Fog Coating. This coating lasts longer than traditional anti-fog coatings, helping to increase eyewear performance in wet and steamy environments.

- The coating retains its effectiveness for at least 25 washings with water, allowing workers to wear their eyewear longer
- The coating withstands disinfection with diluted bleach soaking or alcohol wipes without losing its anti-fog performance
- 3M™ Scotchgard™ Protector Anti-Fog Coated Eyewear meets the requirements of ANSI Z87.1 and CSA Z94.3

Model	Description	Lens
GG501SGAF	Safety Goggle	Clear 3M™ Scotchgard™ Protector Anti-Fog lens

Warning

These eye and face protection products help provide limited eye and face protection. **Misuse or failure to follow warnings and User Instructions may result in serious potential injury, including blindness or death.** For proper use, selection, and applications against flying particles, optical radiation and/or splash, see supervisor, read User Instructions and warnings on the package or contact 3M PSD at 3mmypsd@mmm.com.



3M™ Hard Hats

3M™ H-700 & 3M™ H-800 Series Hard Hats

This series of hard hats help alleviate workers' frustration with the engineering advancements in suspension, a lightweight shell, a patented UV indicator and customization option.

3M™ SecureFit™ X-Series Safety Helmets

The new 3M™ SecureFit™ Safety Helmet is a climbing-style helmet that delivers all-day comfort without sacrificing security. From our proprietary design to our industry-leading innovations, the 3M™ SecureFit™ Safety Helmet is engineered by safety experts with workers in mind. The result is a revolutionary helmet design that delivers what workers need. Comfort without compromise.



reddot design award
winner 2019

Features and Benefits:

- Suspension system incorporates exclusive patented Pressure Diffusion Technology
- 4-point or 6-point ratchet suspension allows wearer to customise height and fit
- Proprietary UV indicator that lets wearer know when to replace helmet due to UV exposure
- Vented helmets are certified to either EN 12492 or EN 397 (depending on chin strap configuration), as well as EN 50365 1000 V standard
- Climbing helmet-inspired design
- Customise your fit with multiple levels of vertical adjustment
- Works with a variety of 3M faceshields, earmuffs, and other accessories



3M™ SecureFit™ Safety Helmet X5000 Series

- Vented
- 4-point chin strap selector system unique to 3M allows wearer to convert between EN 12492 and EN 397 standards. Certified to EN 12492, EN 397, and EN 50365 (1000Vac).*
- Available in 8 colours

DOSH SIRIM Approved



3M™ SecureFit™ Safety Helmet X5500 Series

- Certified to EN 397 and EN 50365 (1000Vac)** standards
- Available in 8 colours

DOSH SIRIM Approved



Chin straps

An adjustable plastic buckle chin strap comes as standard, or opt for a magnetic buckle chin strap for added safety. Excellent ventilation with ports on sides and back.



Accessory slots

Accessory slots designed to hold 3M earmuffs and communication products.



Elastic band clips

Integrated clips help hold elastic bands used with 3M goggles and headlamps.



Removable sweatband

Sweatbands can be removed and washed, or replaced with sweatband replacement accessory.



EN 397 Chin Straps - No Switch

Opt for no switch chin strap with plastic buckle or change to the premium chin strap with a magnetic, quick-release buckle. Magnetic buckle should not be used for 1000Vac.



EN 12492 / EN 397 Chin Straps - With Switch

For your X5000 only, the 4-point chin strap allows for an easy switch between EN 12492 and EN 397 standards.

* Depending on chin strap configuration. Not reflective if 1000Vac.

** Not to be used with reflective material or magnetic buckle chin strap.

3M™ SecureFit™ Safety Helmet

X5000: Vented DOSH SIRIM Approved

Model	Description	Quantity
X5001VE-CE	3M™ SecureFit™ Safety Helmet, X5001VE-CE, white, vented, 1000V, CE	4 Ea/case
X5002VE-CE	3M™ SecureFit™ Safety Helmet, X5002VE-CE, yellow, vented, 1000V, CE	4 Ea/case
X5003VE-CE	3M™ SecureFit™ Safety Helmet, X5003VE-CE, blue, vented, 1000V, CE	4 Ea/case
X5004VE-CE	3M™ SecureFit™ Safety Helmet, X5004VE-CE, green, vented, 1000V, CE	4 Ea/case
X5005VE-CE	3M™ SecureFit™ Safety Helmet, X5005VE-CE, red, vented, 1000V, CE	4 Ea/case
X5007VE-CE	3M™ SecureFit™ Safety Helmet, X5007VE-CE, orange, vented, 1000V, CE	4 Ea/case
X5012VE-CE	3M™ SecureFit™ Safety Helmet, X5012VE-CE, black, vented, 1000V, CE	4 Ea/case
X5014VE-CE	3M™ SecureFit™ Safety Helmet, X5014VE-CE, Hi-Vis green, vented, 1000V, CE	4 Ea/case

X5500: Non-vented DOSH SIRIM Approved

Model	Description	Quantity
X5501NVE-CE	3M™ SecureFit™ Safety Helmet, X5501NVE-CE, Non-vented, white, CE	4 Ea/case
X5502NVE-CE	3M™ SecureFit™ Safety Helmet, X5502NVE-CE, Non-vented, yellow, CE	4 Ea/case
X5503NVE-CE	3M™ SecureFit™ Safety Helmet, X5503NVE-CE, Non-vented, blue, CE	4 Ea/case
X5504NVE-CE	3M™ SecureFit™ Safety Helmet, X5504NVE-CE, Non-vented, green, CE	4 Ea/case
X5505NVE-CE	3M™ SecureFit™ Safety Helmet, X5505NVE-CE, Non-vented, red, CE	4 Ea/case
X5507NVE-CE	3M™ SecureFit™ Safety Helmet, X5507NVE-CE, Non-vented, orange, CE	4 Ea/case
X5512NVE-CE	3M™ SecureFit™ Safety Helmet, X5512NVE-CE, Non-vented, black, CE	4 Ea/case
X5514NVE-CE	3M™ SecureFit™ Safety Helmet, X5514NVE-CE, Non-vented, Hi-Vis green, CE	4 Ea/case

3M™ Chin Straps for X-Series

Model	Description	Quantity
X5-S4PTCS1	3M™ X5-S4PTCS1 Standard 4 Point Chin Strap with buckle for SecureFit™ Safety Helmet	10 Ea/case
X5-S4PTCS2	3M™ X5-S4PTCS2 Standard 4 Point Chin Strap with buckle and selector for SecureFit™ Safety Helmet (X-5000 only)	10 Ea/case

3M™ Suspensions

Model	Description	Quantity
X5-SWBD01	3M™ X5-BWPD01 black/Grey Replacement Sweat Band for SecureFit™ Safety Helmet	10 Ea/case
X5-6PTSTRAP	3M™ X5-6PTSTRAP 6 Point Suspension Strap for SecureFit™ Safety Helmet	10 Ea/case
X5-4PTSUS	3M™ X5-4PTSUS Replacement 4 Point Suspension for SecureFit™ Safety Helmet X5000	10 Ea/case
X5-6PTSUS	3M™ X5-6PTSUS Replacement 6 Point Suspension for SecureFit™ Safety Helmet X5000	10 Ea/case

Note: Accessories & spare parts do not require DOSH SIRIM approval.

Introducing the new 3M™ SecureFit™ H-Series Hard Hat

The 3M™ SecureFit™ H-Series Hard Hats provides 3M innovation in comfort while maintaining the traditional cap and full brim design that many prefer. If you wear a hard hat for a full shift, you want it to be comfortable and fit properly. 3M recognizes this and has responded by designing a suspension system that self-adjusts to the wearer as the ratchet is tightened. Chosen 9 times out of 10 over current conventional hard hats*, this suspension system flexes and self-adjusts to the size of the wearer's head, reducing forehead pressure and increasing comfort for all-day wear.



30%

Pressure reduction**
on the forehead

Exclusive suspension with 3M™ Pressure Diffusion Technology automatically adjusts to the forehead as the ratchet knob is turned.

Suspension system incorporates exclusive patented SecureFit™ Pressure Diffusion Technology.

Flexes and self-adjusts to the size of the wearer's head.

- Reduces pressure and increases comfort for all-day wear.
- Fits a wider range of head sizes from 6-1/4 to 8 (50-64 cm).

Fully compliant with:

- All H-Series High Vis hard hat colors meet ANSI Z89.1 High-Visibility performance requirements
- All H-Series non-vented hard hats meet ANSI/ISEA Z89.1 Type 1, Class G and E requirements
- All H-Series non-vented hard hats meet CSA Z94.1 Type 1, Class G and E requirements

* End-user survey conducted by 3M, November 2020 – March 2021. Participants were allowed to keep the new 3M hard hat.

** Average 30% reduction compared to previous generation 3M hard hats.



It's what's inside that counts.



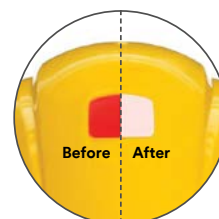
Compatible with cap-attached 3M™ hearing protection and communication products, a variety of 3M™ faceshields and other accessories.

Rests low on the head.

Suspension design sits lower to reduce pressure and help increase stability.

Absorbent brow pad provides comfort and ventilation.

Designed to distribute force and increase suspension ease of wear.



UVicator™ Sensor now standard on H-series hard hats.

Patented sensor changes color when exposed to UV light - white signifies its time for replacement.

Optimized comfort with two levels of height adjustment.



Smooth, easy turning ratchet suspension.

3M™ SecureFit™ H-700 Hard Hats Non-Vented

DOSH SIRIM Approved

Available in a variety of popular colors:

	White		Blue		Red		Hi-Vis Orange		Hi-Vis Yellow
	Yellow		Green		Orange		Grey		Navy



Model	Description	Quantity/ Case
H-701SFR-UV	Hard Hat H-701SFR-UV, White, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-702SFR-UV	Hard Hat H-702SFR-UV, Yellow, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-703SFR-UV	Hard Hat H-703SFR-UV, Blue, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-704SFR-UV	Hard Hat H-704SFR-UV, Green, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-705SFR-UV	Hard Hat H-705SFR-UV, Red, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-706SFR-UV	Hard Hat H-706SFR-UV, Orange, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-707SFR-UV	Hard Hat H-707SFR-UV, Hi-Vis Orange, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-708SFR-UV	Hard Hat H-707SFR-UV, Hi-Vis Orange, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-709SFR-UV	Hard Hat H-709SFR-UV, Hi-Vis Yellow, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-710SFR-UV	Hard Hat H-710SFR-UV, Navy Blue, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20

⚠ Warning

Inspect head suspension plastic parts for breaks, cracks or loss of flexibility. Inspect straps for fraying or stitching that is loose or damaged. Replace suspension immediately if these or other signs of wear are present. Even with no visible signs of wear, 3M recommends replacing the hard hat suspension at least every twelve months.

3M™ SecureFit™ H-800 Hard Hats Non-Vented

DOSH SIRIM Approved

Available in a variety of popular colors:



Model	Description	Quantity/ Case
H-801SFR-UV	Full Brim Hard Hat H-801SFR-UV, White, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-802SFR-UV	Full Brim Hard Hat H-802SFR-UV, Yellow, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-803SFR-UV	Full Brim Hard Hat H-803SFR-UV, Blue, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-804SFR-UV	Full Brim Hard Hat H-804SFR-UV, Green 4-Point Pressure Diffusion Ratchet Suspension, with Uvicator	20
H-805SFR-UV	Full Brim Hard Hat H-805SFR-UV, Red 4-Point Pressure Diffusion Ratchet Suspension, with Uvicator	20
H-806SFR-UV	Full Brim Hard Hat H-806SFR-UV, Orange 4-Point pressure Diffusion Ratchet Suspension, with Uvicator	20
H-807SFR-UV	Full Brim Hard Hat H-807SFR-UV, Hi-Vis Orange, 4-Point Pressure Diffusion Ratchet Suspension with Uvicator	20
H-808SFR-UV	Full Brim Hard Hat H-808SFR-UV, Grey, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-809SFR-UV	Full Brim Hard Hat H-809SFR-UV, Hi-Vis Yellow, 4-Point Pressure Diffusion Ratchet Suspension with UVicator	20
H-810SFR-UV	Full Brim Hard Hat H-810SFR-UV, Navy Blue, 4-Point Pressure Diffusion Ratchet Suspension, with UVicator	20
H-811SFR-UV	Full Brim Hard Hat H-811SFR-UV, Tan 4-Point pressure Diffusion Ratchet Suspension, with Uvicator	20

3M™ SecureFit™ H Series Hard Hat Accessories



3M™ SecureFit™
H-Series Hard
Hat Suspension
Replacement



3M™ SecureFit™
H-Series Hard
Hat Replacement
Brow-Pad

Model	Description	Quantity/ Case
SFH-700-RS4	3M™ SecureFit™ Hard Hat Suspension Replacement SFH-700-RS4, 4-point Ratchet	20
SFH-700-BP	3M™ Hard Hat Replacement Brow-Pad SFH-700-BP	20
H-700-S6	3M™ Hard Hat Suspension, 6-Point Strap, H-Series	20
1990	3M™ Elastic Chin Strap	100
3-Point Chinstrap	3M™ Elastic 3-Point Y-Chin Strap	20

⚠ Warning

Inspect head suspension plastic parts for breaks, cracks or loss of flexibility. Inspect straps for fraying or stitching that is loose or damaged. Replace suspension immediately if these or other signs of wear are present. Even with no visible signs of wear, 3M recommends replacing the hard hat suspension at least every twelve months.

Note: Accessories & spare parts do not require DOSH SIRIM approval.

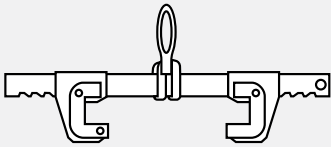
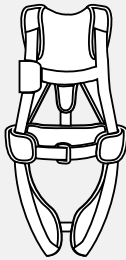
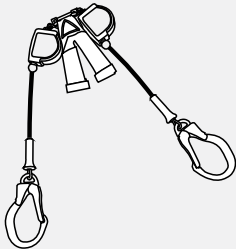
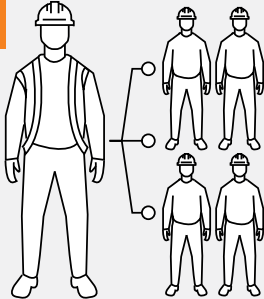


3M™ Fall Protection Solutions

3M™ Fall Protection, part of the 3M™ Personal Safety Division offers first-to-market innovations and high-performance solutions that have earned us a reputation as experts in fall protection, safe working in confined spaces and rescue. We're better equipped than ever to continue investing in technology and products that enhance worker safety, productivity and comfort through our DBI-SALA® and Protecta® brands. We're elevating safety and comfort to new heights.

The ABC's of Fall Protection

A typical Personal Fall Arrest System (PFAS) incorporates three components, often described as the ABC's of fall protection. The anchorage/anchorage connector, body support and connecting device - when used together - form a complete system for maximum worker protection. But don't forget the other important components of a comprehensive fall protection program: descent and rescue, education and fall protection for tools.

A 	B 	C 
Anchorage are a secure point of attachment. Anchorage connectors vary by industry, job, type of installation and structure. They must be able to support the intended loads and provide a sufficient factor of safety for fall arrest.	Body support harnesses distribute fall forces over the upper thighs, pelvis, chest and shoulders. They provide a connection point on the worker for the personal fall arrest system.	Connectors such as self-retracting lifelines or shock-absorbing lanyards connect a worker's harness to the anchorage.
D 	E 	F 
Descent and rescue devices are used to raise or lower a fallen injured worker to safety or retrieve him from a confined space.	Education is essential. We offer a variety of training and consultative services to fit your needs.	Fall protection for tools helps make work environments safer and more productive by reducing dropped object incidents.



Protecta™ P50 Lanyards and Carabiners

Protecta™ P50 line has a broad portfolio of fall protection equipment from basic harnesses and lanyards to complex industry specific anchorage connectors for all usage.

1390235^{CE}

Twin leg shock absorbing rope lanyard with one carabiner and two scaffold hooks

DOSH SIRIM Approved

Carabiner	Hook	Length	Material
One auto-closed Screw-lock carabiner	Two scaffold hooks	2 meters	12mm polyamide twisted rope



1390398^{CE}

Twin leg shock absorbing rope lanyard with one carabiner and two scaffold hooks

DOSH SIRIM Approved

Carabiner	Hook	Length	Material
One auto-closed and auto-lock carabiner	Two scaffold hooks	2 meters	12mm polyamide twisted rope



Protecta™ P50 provides great features that allow the user to choose the right model for personal preference and job constraints.

- Economically priced that meet CE performance standard.
- Universal sized harness that fits most shapes and sizes
- Polyester webbing for durability
- 12mm Polyamide twisted rope lanyard (tested to En 354:2002)



**Auto-lock
Carabiner**



**Screw-lock
Carabiner**



**Scaffold
Carabiner**

Protecta™ P50 Harnesses



1390000€

3-points adjustment full body harness with dorsal D-ring

DOSH SIRIM Approved

Attachment	Adaptability	Ergonomic	Material	Colour
One dorsal D-ring for fall arrest	Adjustable chest and thigh strips	Ideally positioned sit-strap for extended comfort	44mm Polyester web	Dual-color webbing for easy wearing



1390010€

5-points adjustment full body harness with dorsal D-ring

DOSH SIRIM Approved

Attachment	Adaptability	Ergonomic	Material	Colour
One dorsal D-ring for fall arrest	Adjustable chest, shoulder and thigh strips	Ideally positioned sit-strap for extended comfort	44mm Polyester web	Dual-color webbing for easy wearing



1390024€

5-points adjustment full body harness with chest and dorsal D-ring

DOSH SIRIM Approved

Attachment	Adaptability	Ergonomic	Material	Colour
One chest & dorsal D-ring for rescue & fall arrest	Adjustable chest and thigh strips	Ideally positioned sit-strap for extended comfort	44mm Polyester web	Dual-color webbing for easy wearing



1390033€

5-points adjustment full body harness with chest & dorsal D-ring, and work positioning belt

DOSH SIRIM Approved

Attachment	Adaptability	Ergonomic	Material	Colour
One chest & dorsal D-ring for rescue & fall arrest, side D-ring for work positioning	Adjustable chest and thigh strips	Ideally positioned sit-strap for extended comfort	44mm Polyester web	Dual-color webbing for easy wearing

3M Training and Support

3M sales and safety professionals work closely with customers to define your issues, identify problems and offer product options. Our experts are available for on-site consultation, training and customised options.

Our qualified and highly experienced technical team are able to assist customers by:

- Conducting initial and ongoing assessments of the workplace.
- Recommending appropriate respiratory, hearing, communication, head, eye, face, body and welding protection solutions required to maintain a safe work environment.
- Providing technical advice about the correct use and maintenance of the solution that has been selected.
- Facilitating on-site respiratory and hearing protection fit testing as required.



Respiratory Qualitative Fit Testing

Tight-fitting respirators must seal to the wearer's face in order to provide expected protection. This includes filtering facepieces respirators. Therefore, fit testing is required in Malaysia by the Department of Occupational Safety and Health (DOSH) before a user wears a mandatory respirator on the job and must be assessed at least annually as highlighted in the Guidelines on The Use of Personal Protective Equipment Against Chemical Hazards, under the Occupational Safety & Health (Use and Standard of Exposure of Chemical Hazardous to Health) Regulations 2000. In addition, fit tests should be performed:

- Whenever a different size, style, model or make of respirator is used.
- When any facial changes occur that could affect fit, such as significant weight fluctuation or dental work.



**Scan the QR Code for
more information.**

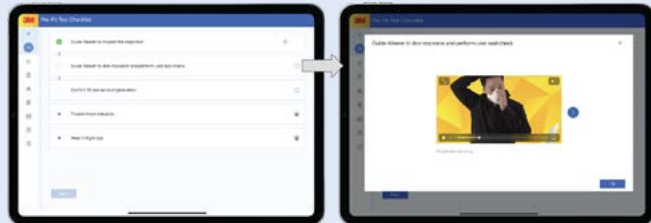


3M offers a new way to complete and efficiently track respirator fit testing with 3M™ Wear It Right App.

The app is designed to guide qualitative respirator fit testing following standard protocols. Its features include:



Reduce paper use with all fit test results stored locally. Results can be exported.



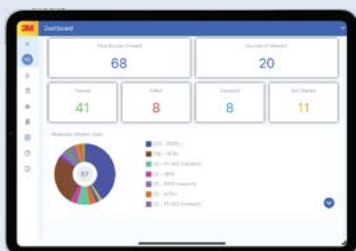
Full guidance mode provides step-by-step assistance for fit tester.



Minimal guidance mode allows for multiple simultaneous fit tests.



Guides fit testers through the sensitivity test, captures the sensitivity level, and reminds fit testers the correct number of aerosol sprays during fit test.



Dashboard with filtering functionality summarizes fit test results.



Fit test certificates and wallet cards with your logo can be digitally signed and printed.

Download 3M Wear It Right App here:



Watch video on the app by scanning this QR Code:



Instruction for Use:



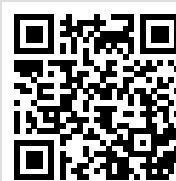
Hearing Fit Testing

Hearing protector fit testing is a way to measure the amount of noise reduction, or attenuation, a hearing protector provides while it is being worn by a specific individual. This real-world measurement is referred to as a “Personal Attenuation Rating” or PAR.

3M recommends workers fit test their hearing protectors. So, like respirators, the worker can better understand the level of protection they can achieve with a properly fitted hearing protector using the 3M™ E-A-Rfit™ Dual-Ear Validation System.



Scan the QR Code for more information.



Training Services

No matter how effective a piece of PPE is, it will offer little or no protection if it is not fitted and/or worn correctly. Proper inspection, cleaning and storage is vital for safety equipment that protects a worker's health and wellbeing. That is why we offer training programs that explain the correct way to fit, inspect, clean and store PPE manufactured by 3M. The programs we offer include:

1. Respiratory Protection
2. Hearing Protection
3. Head, Eye and Face Protection
4. Fall Protection



Each participant will be given a 3M Certificate of Completion for each training session.



3M Personal Safety Division

3M Malaysia Sdn Bhd

Level 8, Block F, Oasis Square, No. 2, Jalan PJU 1A/7A,
Ara Damansara, 47301 Petaling Jaya, Selangor, Malaysia.

Tel: +603 7884 2888 Email: 3mmypsd@mmm.com

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www.3M.com.my

The 3M logo is displayed in its characteristic red, bold, sans-serif font.

Fall Protection

Full Line Catalog

3M™ DBI-SALA® Fall Protection

Bringing safety to every corner of the globe.



We do it all for one reason: **you.**

Every day, thousands of people around the world go to work and perform tasks at heights most would never dream of climbing to—a dangerous calling that results in thousands of injuries every year.

Whether you're reaching for the sky or crawling into tight confined spaces, our commitment to you remains the same: outfitting you with quality, comfortable 3M Fall Protection, backed by science and designed to help you get the job done and get home safely.

Fall Protection Portfolio.

- Anchors
- Body Harnesses
- Connecting Devices
- Descent and Rescue
- Fall Protection for Tools
- Confined Space
- Engineered Systems

World-class manufacturing & support.

10 Manufacturing Sites
17 Distribution Centers
20 Sales & Customer Service Centers
200+ Approved Repair Centers supporting
all 20,000+ of our products.

Dedicated training & education.

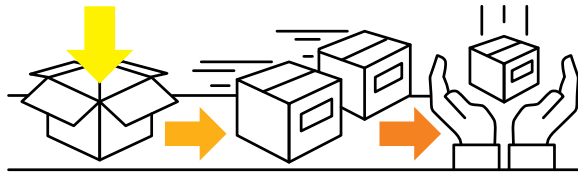
10+ Safety Training Centers & **60**
Fall Protection Demo Vehicles serving people
with valuable knowledge and best practices
anytime, anywhere.



Customer service you can count on.

Your work never slows down—and neither do we. Our Customer Service team is committed to ensuring you have the 3M Fall Protection you need when and where you need it.

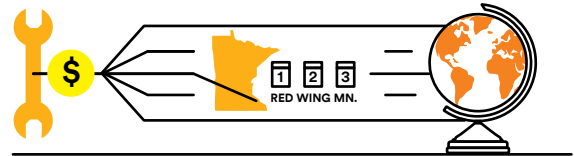
Velocity Shipping



**Velocity Ship
items available
to ship same day**

*on orders
placed
before
12pm CST.*

Flat Fee Product Repair



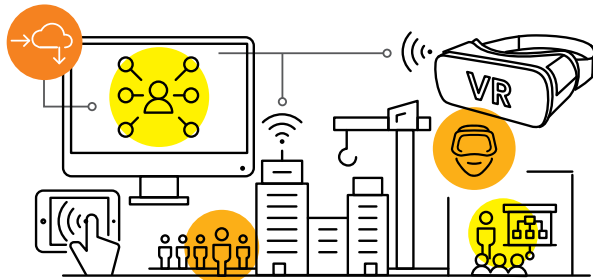
**Many of our products can be repaired
at our Red Wing, Minnesota facility**

in just 3 days

or they can be repaired at one of our

over 200 Approved
Repair Centers.

Training that goes beyond the textbook.



3M's full range of fall protection, confined space and rescue training courses are offered throughout the year at our state-of-the-art training centers. 3M also offers on-site safety training across our portfolio that is tailored to meet the unique environment of your facility.

At our site or yours, you can trust 3M Fall Protection to provide world-class fall safety training. Topic areas include:

- ▶ Fall Protection Training Courses
- ▶ Confined Space Training Courses
- ▶ Rescuer Training Courses
- ▶ Advanced Level Training Courses
- ▶ Fall Protection for Tools Training Courses

3M.com/SafetyTraining

We help you unravel the regulations.

Walking-Working Surfaces

From rooftops and ladder cages to outdoor advertising and more, we offer a full suite of information and versatile fall protection solutions to help bring your facility up to compliance with OSHA's 29 CFR 1910.30 mandate. For vertical safety solutions, see our Lad-Saf™ Systems and Ladder SRL Anchors (pg. 24) and a variety of other anchorage solutions to help you get compliant (pg. 5).

Leading Edge Applications



As common as they are hazardous, leading edges—or the unprotected side and edge of a floor, roof or formwork for a floor—require specialized fall protection designed for the task. That's why we've developed a distinctive orange icon that we placed all of our leading-edge certified 3M Fall Protection products, such as our self-retracting lifelines (pg. 65) and shock-absorbing lanyards (pg. 87).

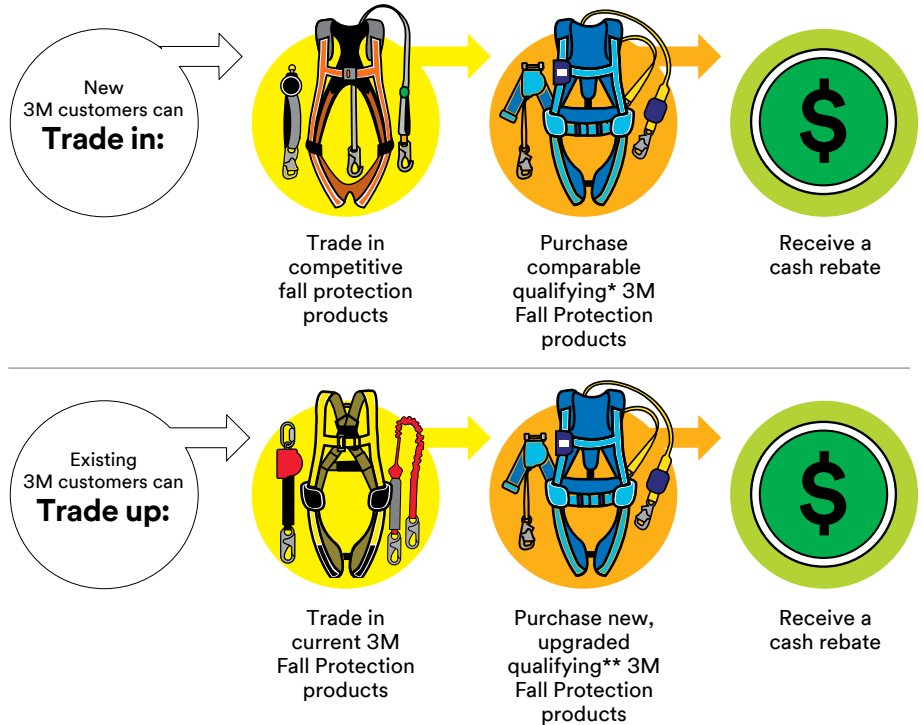


The gear you need. The savings you want.

Trade In, Trade Up Program

We're so confident you'll love our fall protection products that we'll let you trade in your current gear and give you a rebate on new purchases. Harnesses, SRLs, lanyards and more — we're including over 1,200 products to choose from.

If you already use 3M Fall Protection products, you can trade up to get rebates when you upgrade on gear with more features and benefits. It's a great time to assess your equipment and make the switch to 3M™ DBI-SALA® Fall Protection.



Calculate your rebate at go.3M.com/FPtradein.

Connecting like never before.

3M Connected Safety is a cloud-based, Internet of Things (IoT) platform that combines data science and our PPE technology to help organizations advance the digital transformation of worker safety.

That means workers can be confident they're using products properly, and safety managers can have peace of mind that those products have been properly maintained, inspected and operated day in and day out.

Safety & Inspection Manager (SIM)

Gain valuable access to real-time product information and servicing data with a tap of your phone. Your customized dashboard gives you exactly the information you need and helps you track your PPE inventory like never before.

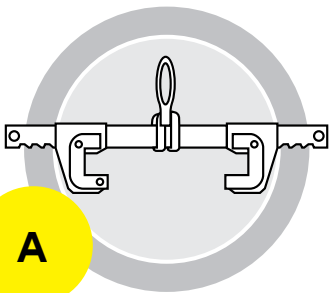
Now offering a Basic Fall Protection package to help meet your PPE inspection needs.



3M.com/ConnectedSafety

The ABCs of fall protection.

With over 20,000 products designed for the specific needs of every industry with at-height hazards, we can find the just-right combination of anchorages, body support and connector solutions to meet the requirements of virtually any application.

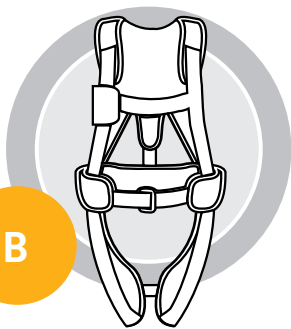


A

Anchorages

are a secure point of attachment. Anchorage connectors vary by industry, job, type of installation and structure. They must be able to support the intended loads and provide a sufficient factor of safety for fall arrest.

Anchorage connectors	5
Horizontal systems	15
Vertical systems	23
Engineered systems	31
Flexiguard™ solutions	35

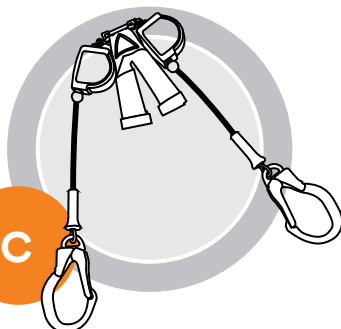


B

Body support

harnesses distribute fall forces over the upper thighs, pelvis, chest and shoulders. They provide a connection point on the worker for the personal fall arrest system.

Full-body harnesses	45
Lineman belts and harnesses	62
Belts, workseats and accessories	63

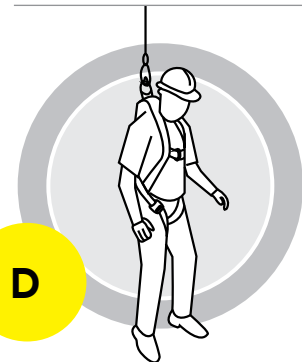


C

Connectors

such as self-retracting lifelines or shock-absorbing lanyards connect a worker's harness to the anchorage.

Leading edge connectors	65
Self-retracting lifelines	71
Shock-absorbing lanyards	87
Fall-restricting devices	94

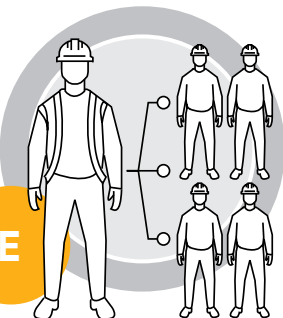


D

Descent and rescue

devices are used to raise or lower a fallen injured worker to safety or retrieve him from a confined space.

Confined space rescue	95
Rescue and descent	112

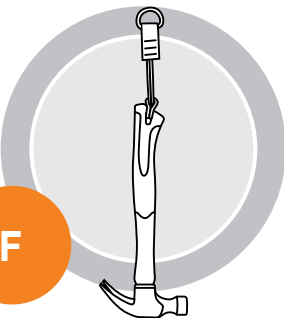


E

Education

is essential. We offer a variety of training and consultative services to fit your needs.

Training courses	118
------------------------	-----



F

Fall protection for tools

helps make work environments safer and more productive by reducing dropped object incidents.

Fall protection for tools	120
---------------------------------	-----

Anchors designed to help you stay focused on the job.

Set your sights on a higher level of confidence and security with 3M™ DBI-SALA® Anchorage Connectors. Tested to meet OSHA and ANSI standards, our comprehensive portfolio of anchorage connectors gives you the gear you need to get the job done right.

- Anchorages for general/all-purpose, steel, concrete, roof, mining or specialty.
- Fixed or mobile.
- Permanent or portable.

All anchorages must provide a secure point of attachment for a complete personal fall arrest system and must be capable of supporting a load of 5,000 lbs. (22 kN), or of meeting OSHA's criteria of a 2-to-1 safety factor.



Anchorage Connectors: New Products



2104709

Strut Anchor

See page 7 for more information.



2104710

Sliding Beam Anchor

See page 7 for more information.



2190071

Swiveling Roof Anchor

See page 10 for more information.



2190073

Standing Seam Roof Anchor

See page 10 for more information.



2190074

Construction Roof Anchor

See page 10 for more information.

3M™ DBI-SALA® General Anchorage Connectors

Anchors are easily choked-off to the anchorage structure, to provide a fast and safe 5,000 lb. (22 kN) tie-off point for your personal fall protection system.

1003000

Web Tie-Off Adapter

Pass-through design. 1-3/4 in. polyester strength member with 3 in. wide polyester wear pad x 3 ft. (0.9 m)

1003006 Web Tie-Off Adapter, pass-through type x 6 ft. (1.8 m)

1002103 Adjustable Web Tie-Off Adapter, pass-through type x 3 ft. (0.9 m)

1002106 Adjustable Web Tie-Off Adapter, pass-through type x 6 ft. (1.8 m)

1002010 Web Tie-Off Adapter, pass-through type x 10 ft. (3.0 m)



1201390

Web Scaffold Choker

Choker style attaches to 3 in. (76 mm) diameter anchorage. 1 in. (25 mm) polyester strength member x 17 in. (43 cm)

1201391 Web Scaffold Choker x 24 in. (61 cm)

1201422 Coated Web Scaffold Choker, PVC Coated D-ring x 2 ft. (0.6 m)



1002202

Tie-Off Adapter for Hot Work Use

Reinforced with Kevlar® fiber webbing; ideal for high heat environments, pass-through type with 1-3/4 in. polyester strength member x 6 ft. (1.8 m)

1002200 Tie-Off Adapter, with Kevlar® fiber, pass-through type x 3 ft. (0.9 m)

1002201 Tie-Off Adapter, with Kevlar® fiber, pass-through type x 4 ft. (1.2 m)



5900550

Cable Tie-Off Adapter

Pass-through design. 7 x 19 (9.5 mm) stainless steel cable with O-rings x 4 ft. (1.2 m)

5900551 Cable Tie-Off Adapter, pass-through type x 6 ft. (1.8 m)

5900552 Cable Tie-Off Adapter, pass-through type x 10 ft. (3.0 m)



3M™ DBI-SALA® Saflok™ Steel Carabiners



2000112

11/16 in. (17.5 mm) gate opening steel carabiner with self closing/locking gate. 3,600 lb. (16 kN) gate strength.

2000113

1-3/16 in. (30 mm) gate opening steel carabiner with self closing/locking gate and captive eye pins. 3,600 lb. (16 kN) gate strength.

2000114

2-3/16 in. (55.5 mm) gate opening steel carabiner with self closing/locking gate and captive eye pins. 3,600 lb. (16 kN) gate strength.

2104816

Drop-Through Anchor

10 ft. (3 m) drop-through anchor with swiveling D-ring for concrete (≥ 4 in. (101.6 mm) thick) and steel, fits 1-1/2 in. to 1-3/4 in. dia. hole (38.1 to 44.5 mm).

2104819 Drop-Through Anchor x 2 ft. (0.6 m)

2104818 Drop-Through Anchor x 6 ft. (1.8 m)

2104817 Drop-Through Anchor x 8.5 ft. (2.6 m)



3M™ DBI-SALA® Steel Anchorage Connectors

Anchors for steel that are lightweight and compact, providing an easy to install and safe 5,000 lb. (22 kN) tie-off point for your personal fall protection system.

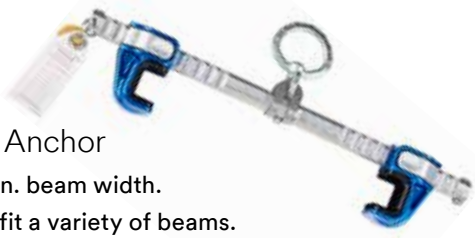
2104710

Sliding Beam Anchor

- 3-1/2 in. to 14 in. beam width.
- Size ranges to fit a variety of beams.
- Replaceable wear pads.
- 360-degree swiveling D-ring anchor point.
- Integrated dual ratcheting system.
- Steel and aluminum construction weighs 3.5 lbs. (1.6 kg).
- 5,000 lb. (22 kN) strength

2104715 Sliding Beam Anchor, fits 12 in.–30 in. beam width

Call Customer Service for pallet offerings



2104709

Strut Anchor

- Allows for one step, one hand installation.
- One-piece design is simple, lightweight and compact.
- Accommodates 1-5/8 in. (4.1 cm) wide strut.
- Includes visual indicator that anchorage is installed correctly and ready for use. (Reflective tape visible from ground level with artificial light source.)



2108406

Fixed Beam Anchor

It installs to the beam structure in any orientation, with final tightening using a built-in adjustment handle. Ideal as a single-person anchor point or as end-anchors for any 3M Pre-engineered Horizontal Lifeline System. Fits up to 1-1/2 in. thick beam flange, 2-1/2 in. to 12 in. wide.

2108407 Fixed Beam Anchor, fits up to 1-1/2 in. thick x 2-1/2 in. to 18 in. wide beam flange.

2108408 Fixed Beam Anchor, fits up to 1-1/2 in. thick x 2-1/2 in. to 24 in. wide beam flange.

2108410 Fixed Beam Anchor, fits up to 1/2 in. to 2-1/2 in. thick x 12 in. to 36 in. wide beam flange.



2103143

Trolley for I-Beam

The trolley is for use with self-retracting lifelines on horizontal beams and has been engineered to glide along the beam and provide horizontal mobility.

- Double-shielded wheel bearings.
- Trolley guards protect the wheels from damage and keep beam clear of debris.
- Fits 3 in. to 8 in. flange width and thickness up to 11/16 in.

2103147 Trolley for I-Beam, all stainless steel, fits 3 in. to 8 in. flange width and thickness up to 11/16 in.



8800023

Tandem Pulley

For 3/8 in. to 1/2 in. rope or cable.



2104550

Steel Plate Anchor

This plate anchor offers a compact attachment to 3/8 in. to 1 in. thick plate steel for connecting your lanyard, vertical lifeline system or self-retracting lifeline.

- Easy-to-use set-screw design ensures positive and safe connection.
- Complete with integral D-ring tie-off point.
- Durable, corrosion-resistant zinc-plated steel construction.



3M™ DBI-SALA® Steel Anchorage Connectors (cont.)

2101630

D-Ring Anchorage Plate

The D-Ring Anchorage Plate can be bolted or welded to a structure, offering a compact connection point for your fall protection system.

- Two 1/2 in. diameter attachment holes.
- Cadmium-plated steel D-ring.
- 304 stainless steel anchorage plate.
- Plate size: 1/4 in. x 2 in. x 4-1/2 in.

2101634 D-Ring Anchorage Plate with cadmium-plated steel D-ring, raw steel anchorage plate.

2101636 D-Ring Anchorage Plate with 304 stainless steel D-ring and anchorage plate.

2101638 D-Ring Anchorage Plate with 316 stainless steel D-ring and anchorage plate.



3M™ DBI-SALA® Concrete Anchorage Connectors

Anchors for concrete that are compact, providing an easy to install 5,000 lb. (22 kN) tie-off point for your personal fall protection system.

2104560

Concrete D-Ring Anchor

Concrete anchor solution for use in temporary or permanent applications, providing a safe tie-off point.

- Reusable D-ring assembly.
- Indicator shows when anchor is properly tightened.
- Install into 11/16 in. (18 mm) or 3/4 in. (19 mm) holes.



2104561 Concrete D-Ring Anchor with 5 additional bolts.

2104562 Concrete D-Ring Anchor with 11 additional bolts.

2100066 10-pack of Replacement Bolts for Concrete D-Ring Anchor.

2101004

Concrete Detent Anchor

Concrete anchor utilizing pre-installed sockets, enabling the user to connect and disconnect from the anchorage by simply pressing a button.

- Use for floor, wall or ceiling type applications.
- Provides convenient tie-off points wherever needed.
- Push-button operation for fast and easy operation.
- Socket includes cover cap to hide recess, blending into the decor.



2101000 Concrete Detent Socket and cap only.

2101002 Concrete Detent Pin only.

2100152 Concrete Pour-in-Place Anchor.

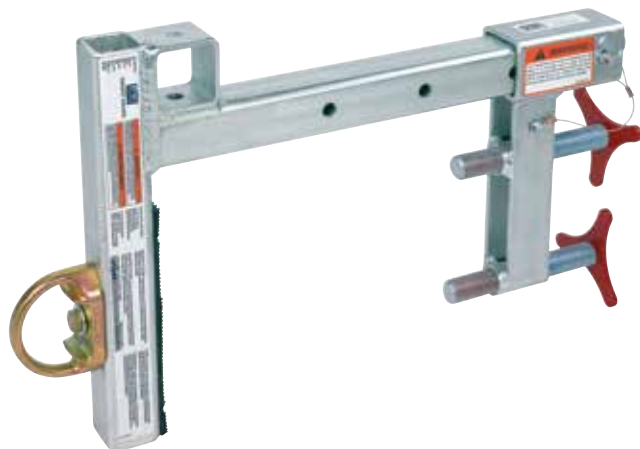
2100169 Pour-in-Place Detent Anchor Assembly with detent pin and socket.

8523178

Concrete Parapet Anchor

Portable anchorage connector developed for use in locations where a low parapet wall provides an anchor site for a shock-absorbing lanyard or self-retracting lifeline.

- Non-penetrating design.
- Adjustment range 1 in. to 14-1/2 in. wide.
- No tools required for installation.



1231305

Web Anchor

Anchor can be directly connected to many concrete wall forms to provide a tie-off point for your system. Web anchor strap with large opening, Hook at one end, D-ring at other x 1.5 ft. (45 cm).



2100050

Concrete Anchor Strap

Our disposable concrete anchor strap provides a temporary anchorage on concrete forms.

- Loop slips over rebar, then concrete is poured over. When no longer needed, simply cut strap and discard.
- Durable 1-3/4 in. polyester construction x 3-1/2 ft. (1 m). Full length wear pad for abrasion resistance.
- D-ring provides compatible tie-off point.



2100053 Concrete Anchor Strap with D-ring,
48 in. (1.2 m)

2100061 Concrete Anchor Strap, no D-ring, 3-1/2 ft. (1 m)

3M™ DBI-SALA® Roof Anchorage Connectors

Wood or steel. Residential or commercial. Flat or sloped. No matter what type of roof you're working on, your fall protection system needs specialized components to help keep you safe. Our anchorage devices help to provide reliable solutions and meet applicable OSHA and ANSI standards for anchorage connectors.



Rooftop Anchors

- Four similar rooftop anchors designed specifically for certain roof types.
- Tip-over design reduces need for structural reinforcement and allows for connection right to roof deck.
- Can be used as a single point anchor, or pair two together to create a temporary horizontal lifeline.

Connection method*

2100138	Rooftop Anchor for Standing Seam Roofs	Standing Seam Clamps	
2100139	Rooftop Anchor for Standard Membrane Roofs	Toggle / Screw	
2100140	Rooftop Anchor for PVC Membrane Roofs	Toggle / Screw	
2100142	Rooftop Anchor for Bitumen Membrane Roofs	Toggle / Screw	

*Call Customer Service for item numbers.



2100185
Freestanding
Counterweight Anchor



2103670
Permanent Roof Anchor
with Flashing and Cap



2103673
Portable Reusable
Roof Anchor



2103677
Portable Reusable
Roof Anchor



2104541
Detachable Roof Anchor
with Flashing



2103690
3-Man Reusable Swiveling
Roof Anchor



2190071
Swiveling Roof Anchor

- Installs to sloped or flat wood and metal decking roofs.
- Fast and easy installation.
- Secondary d-ring anchor point.
- Portable and reusable.



2190073
Standing Seam Roof Anchor

- Installs to flat or sloped standing seam roofs.
- Built-in non-penetrating clamp design.
- Slide on the tube.
- Portable and reusable.



2190074
Construction Roof Anchor

- Installs to rebar ring during pre-cast concrete work.
- Built-in ratcheting securement system.
- Dual-use design.
- Portable and reusable.

Selection Guide:

Part #	Wood attachment - OK	Metal attachment - OK, minimum thickness	OK to Use with HLL	Attachment method	Permanent installation	OSHA compliant
2100133	■ (5/8 in. plywood)	■ 24 Ga.	■	Lag screws (wood), anchors (concrete), rivets or Fablok or Tek screws (metal)	■ (5/8 in. plywood)	■
2100138		■ Fits standing seam centers 15.75 in. x 11.8 in. w/clamp kits	■	7241204 for bulb type seam, 7241206 for double folded standing seam, 7241208 for single folding seam	■	■
2100139		■ Installs to standard membrane and built-up type roofs	■	4 bolts: 7241182 6 in. toggle bolt, or 7241183 12 in. toggle bolt	■	■
2100140		■ Single-ply PVC membrane and built-up roofs	■	4 bolts: 7241182 6 in. toggle bolt, or 7241183 12 in. toggle bolt	■	■
2100142		■ Single ply Bitumin and built-up roofs	■	4 bolts: 7241182 6 in. toggle bolt, or 7241183 12 in. toggle bolt	■	■
2100185		■ Flat roofs up to 5 degrees of slope		4 bolts: 7241182 6 in. toggle bolt, or 7241183 12 in. toggle bolt		■
2103670	■			U-Bolt clamps (included) to rafter or truss, 2 x 4, 2 x 8	■	■
2103671	■			U-Bolt clamps (included) to rafter or truss, 2 x 10, 2 x 12	■	■
2103673	■		■ Synthetic Sayflite™ or PRO-Line of slope	6 (1/4 inch size) Lag screws (included) or 12 nails (included)		■
2190073		■ Flat or sloped roofs		Clamps to seam		■
2190074				Built-in ratchet system that installs to rebar ring		■
2103676	■	■ 22 Ga. deck		Nails or Tek screws		■
2103677	■			Lag screws		■
2103690	■			Deck screws		■
2104540	■			Bolts w/clamp	■	■
2104541	■			Bolts w/clamp	■	■
2104542	■			Bolts w/clamp	■	■
2105682	■			Lag screws or nails		■

Read user instruction manual for complete information on use and limitations.



2104168

Roofer's Fall Protection Kit

Complete fall protection system in a bag for convenient compliance and safety on the job.

Kit includes:

- Reusable Roof Anchor (2103673)
- Full-Body Harness (1103513)
- Rope Adjuster with Shock-Absorbing Lanyard (1246037)
- Lifeline x 50 ft. (1202794)
- Counterweight (5901583)
- Carrying Bag (9503806)

2104169 Roofer's Fall Protection Kit with Roof Anchor (2103676)

3M™ DBI-SALA® Remote Anchoring Systems



2104527

Remote Anchoring System

Provides anchorage connection to secure a fall protection device to an overhead location beyond normal reach.

- Pole adjusts from 6 ft. to 12 ft. (1.8 m to 3.6 m)
- Tie-off adapter tool for installation of anchorage device.
- Hook attachment tool for installation of 3,600 lb. gated snap hooks.
- Tie-off adapter x 3 ft. (0.9 m) and carrying bag.

2104528 System with 8 ft.–16 ft. (2.4 m–4.8 m) adjustable pole

2104529 Snap Hook Connector Tool for 3,600 lb. gated hooks.



2100090

Perimeter Limiter Leading Edge Anchor

Freestanding, non-penetrating anchor for concrete decking construction and provides overhead anchorages for up to two users.

- Large foam filled trailer tires won't go flat and provide easy movement.
- 7-1/2 ft. (2.3 m) mast and anchorage arm for added freedom of movement.
- Pre-drilled holes for accessory rescue winches.



2100080

Door/Window Jamb Anchor

Non-penetrating anchor is lightweight and portable, requiring no tools for attachment. Adjustable opening ranging from 21-1/2 in. to 51-1/2 in. (54.6 cm to 130.8 cm). Rated for 3,600 lbs. (16 kN)

3M™ DBI-SALA® Self-Contained Vacuum Anchor System

This Self-Contained Vacuum Anchor (SCVA) System allows workers to anchor to compatible, smooth, non-porous surfaces—enabling them to work where they need to without compromising their fall protection safety. At just over 19 lbs., the system provides workers the freedom to move about with confidence. All models are OSHA, CE and AS/NZS compliant and feature a comprehensive backup system to enhance worker safety.



3M™ DBI-SALA® Ultra-Lok™ Self Retracting Lifeline, Rope

Page 83



Product specifications:

	Shop air powered	Shop air/gas powered
Main support assembly	Anodized aluminum	
Vacuum seal pad material — aviation	EPDM	
Vacuum seal pad material — general industry	Polybutadiene	
Shop air requirements	80 psi to 150 psi	
Compressed gas bottle requirements	—	3,000 psi, 48 in ³
Dimensions	22 in. x 22 in. x 6 in. (55 cm x 55 cm x 15 cm)	
System weight	17.4 lbs. (7.8 kg)	19.9 lbs. (9.0 kg)
Capacity	310 lbs. (140 kg); One person	
Surface temperature range	-20°F to 140°F (-29°C to 60°C)	

Selection Guide:

Components	Aviation	General industry
SCVA assembly (shop air powered)	2200107	2200094
SCVA assembly with on board bottle attachment (shop air or gas powered)	2200108*	2200095
Secondary pad assembly (optional)	2200109	2200096
Secondary pad hose (optional) — 50 ft. (15 m)	2200130	
Aviation HLL kit (includes secondary pad, 40 ft. HLL, and secondary pad 50 ft. hose)	2200123	—
Compressed gas cylinder (bottle sold separately)	2200085	



3M™ DBI-SALA® Horizontal Systems

Choosing a horizontal lifeline system

It's critical to choose a system that has been precision engineered and rigorously tested to meet OSHA requirements. Some other important considerations include:

Anchorage structure

The I-beam, rebar stud, concrete column or roof you attach your system to can dictate the type of system required.

Portable or permanent

Temporary jobs require portable systems that can be moved efficiently from one location to another. For hazardous areas that need to be accessed often, a permanent solution may be a better choice.

Lifeline type

Synthetic lines are lightweight and compact, while galvanized or stainless steel offer enhanced corrosion and abrasion resistance.

Number of users

Consider the number of workers required and choose a system that can accommodate them safely.

Clearance requirements

The distance between the work area and the next level or obstruction below is called "fall clearance." Anchorage height, type of lifeline and length are some of the factors that will affect the required clearance needed.



3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System for Stanchions

These systems incorporate a modular, multi-base design that accommodates a wide range of steel and concrete beams.

- Interchangeable stanchions—great for steel and concrete applications.
- Portable.
- Single and multi-span options available.
- Pass-through bracket provides 100% tie-off capability.
- Integrated 3M™ DBI-SALA® metal energy absorber limits forces on structure.

Steel I-Beam Applications

- Single clamp and wing nut design.
- Adjustments made from top of beam.
- Fits flanges 6 in.–12 in. wide, 2-1/4 in. thick.
- Optional bases for 18 in., 24 in. and 36 in. widths.

Concrete rebar & shear stud applications

- Attach with torque wrench.
- Chain tie-back connection.
- Fits 1/2 in–1 in. diameter (#4–#8 rebar) and 4 in.–12 in. center to center.

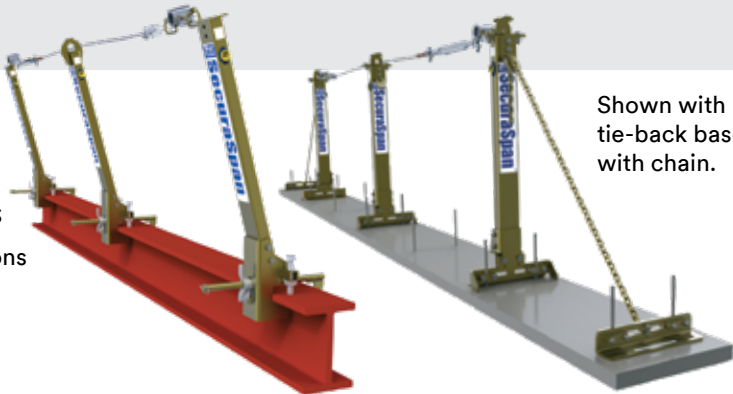
3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System for Stanchions

Complete single span system includes two stanchions (7400047) and cable assembly with tensioner and metal energy absorber. 60 ft. (18.3 m)

Selection guide:

	Stanchion	Tie-Back Base
I-Beam	7400047	-
Rebar/Shear Stud	7400215	7400214

Systems shown with intermediate stanchions—sold separately.



Shown with tie-back base with chain.

3M™ DBI-SALA® Temporary Cable Loop Rebar Horizontal Lifeline System for Stanchions

These complete single-span systems include two stanchions and cable assembly with tensioner and metal energy absorber.

Selection guide:

20 ft.	40 ft.	60 ft.	Stanchion
7400320	7400340	7400360	7400045

Systems shown with intermediate stanchions—sold separately.

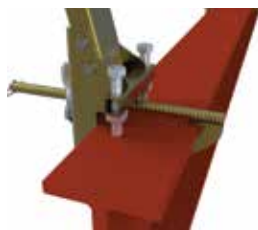
7400045
Stanchion with Loop Rebar Base and Pass-Through Bracket



3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System for Stanchions I-Beam Components

7400087

Perpendicular I-Beam System Components
Stanchion with
Perpendicular I-Beam Base
No tie back, fits 8 in.–14 in. flange.



7400086

Perpendicular I-Beam Base Only
Fits 8 in.–14 in. flange.



7400089

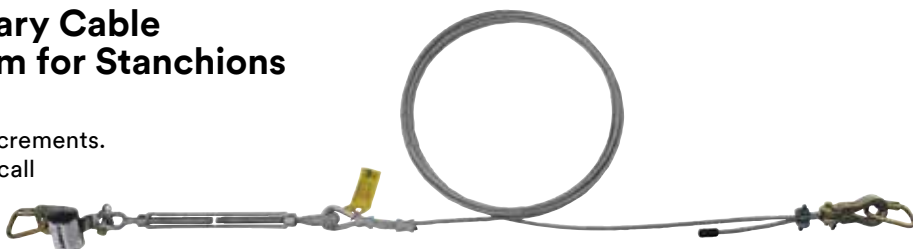
Perpendicular Pass-Through Kit

3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System for Stanchions Parallel I-Beam Components

Stanchion with I-Beam Base	6 - 12 in. Flange	12 - 18 in. Flange	18 - 24 in. Flange	24 - 36 in. Flange
	7400047	7400055	7400056	7400057
I-Beam Base Only	6 - 12 in. Flange	12 - 18 in. Flange	18 - 24 in. Flange	24 - 36 in. Flange
	7400052	7400065	7400066	6700067
Stanchion with I-Beam Base, Range of 2-2/3 in. to 3-3/8 in. Thick Flange	Range of 2-2/3 in. to 3-3/8 in. thick, 6 - 12 in. wide	Range of 2-2/3 in. to 3-3/8 in. thick, 12 - 18 in. wide	Range of 2-2/3 in. to 3-3/8 in. thick, 18 - 24 in. wide	Range of 2-2/3 in. to 3-3/8 in. thick, 24 - 36 in. wide
	7400015	7400032	7400033	7400034

3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System for Stanchions Cable Assembly

Available 10–330 ft. lengths in 10 ft. increments.
Cables available up to 720 ft.—please call
customer service for part number
on any cable over 330 ft. in length.



Lifeline options for all systems—cable assembly with turnbuckle and metal energy absorber are available in 10 ft. increments.
Cable assemblies over 60 ft. include two metal energy absorbers.

3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System for Stanchions Rebar System Components

7400215

Stanchion with Rebar/Shear Stud Base
Pass-through and end anchor brackets.

7400053

End-Anchor Retro-Fit Kit
With rebar/shear stud base, tie-back assembly,
end-anchor and pass-through bracket.

7400054

Intermediate Retro-Fit Kit
With rebar/shear stud base and
pass-through bracket.

7400214

Tie-Back Base and
Chain Assembly



3M™ DBI-SALA® EZ-Line™ Retractable Horizontal Lifeline (HLL) System



- 7605060**
Retractable Horizontal Lifeline (HLL) System

This is an easy-to-use lifeline system that you can install, remove and store quickly.

 - Can reduce installation time vs. standard horizontal lifeline systems.
 - Can be setup to accommodate 6 total users (2 per sub-span).
 - Includes built in pre-tension and impact indicators.
- 7600002** Replacement EZ-Line Handle Assembly

See product instruction manual for complete clearance information.
- 7241031** Metal energy absorber kit used when multi-spans are required

3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System

These systems are portable and can be used for situations where welding, sparks or harsh environments are present, or where minimum clearance exists.

- Includes cable lifeline assembly with wedge grip termination, tensioner and 3M™ DBI-SALA® metal energy absorber.
- Durable all-metal system can be left in place for long periods.
- Use with any 5,000 lb. anchorage device.
- Two worker capacity.



Selection guide

20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
7602020	7602030	7602040	7602050	7602060	7602070	7602080	7602090	7602100

See product instruction manual for complete clearance information.

3M™ DBI-SALA® Temporary Kernmantle Rope Horizontal Lifeline System

Portable systems that can be used for maintenance, bridge work, construction and general industry applications.

- Kernmantle rope lifeline with tensioner and shock absorber.
- Capacity of two workers.



Selection guide:

Most popular length

20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
7600502	7600503	7600504	7600505	7600506	7600507	7600508	7600509	7600510

See product instruction manual for complete clearance information.

3M™ DBI-SALA® Temporary Cable Pour-in-Place Horizontal Lifeline System for Stanchions

7400203

This portable system installs to column tops, providing an overhead tie-off point during the decking process. Complete system includes two stanchions, and 20 ft. cable assembly with tensioner and 3M™ DBI-SALA® metal energy absorber.

- Single and multi-span options with unlimited length.
- Pass-through design provides protection for up to two workers.



3M™ DBI-SALA® Temporary Cable Pour-in-Place Horizontal Lifeline System for Stanchions Accessories

7400200

Intermediate Bracket

Allows system to be configured into multi-span type; intermediate can be bypassed with connector snap hook.



7400203

Stanchion Assembly

7 ft. 6 in. tall.



7400201

Concrete Sleeve

For pour-in-place post horizontal lifeline systems.



7400211

Clamp-On Vertical Base

Clamps to existing vertical steel and concrete structures, zinc-plated steel construction.



7400218

Bolt-On Vertical Base

Bolts to vertical steel and concrete structures, zinc-plated steel construction.



7400222

Weld-On Vertical Base

Welds to vertical steel structures, steel C-channel construction.



8530267

Bolt-On Floor Base

Bolts to steel and concrete horizontal surfaces, zinc-plated steel construction.



8530827

304 Stainless Steel.

3M™ DBI-SALA® Horizontal Lifeline Components

3M™ DBI-SALA® Metal Energy Absorber Kits

Allows use of standard 5,000 lb. rated anchors.

Accessory products:

1. Cable clips — 9501563
2. O-rings — 9503880
3. Thimbles — 9506596
4. Turnbuckle — 7002050
5. Wedge Grip Horizontal Lifeline Termination Device — 7608008
6. Metal energy absorber — 7401013



Selection guide:

7401013	7401031	7401032	7401033	7600580
metal energy absorber only	metal energy absorber with 2 shackles, bolts, nuts	metal energy absorber with 2 shackles, bolts, nuts, turnbuckle	metal energy absorber with 3 shackles, bolts, nuts, turnbuckle, thimbles, cable clips	metal energy absorber with 3 shackles, bolts, nuts, turnbuckle, thimbles, cable clips with wedge grip, 2 O-rings

3M™ DBI-SALA® Horizontal Lifelines

These horizontal lifeline systems aren't just easy to use—they're easy to install with the support of our network of certified installers. Call customer service for more information.

- Pre-engineered or customized.
- Provides continuous fall protection.
- Shouldn't conflict with other building safety systems.

See page 31 for more information on 3M™ DBI-SALA® Engineered Systems.



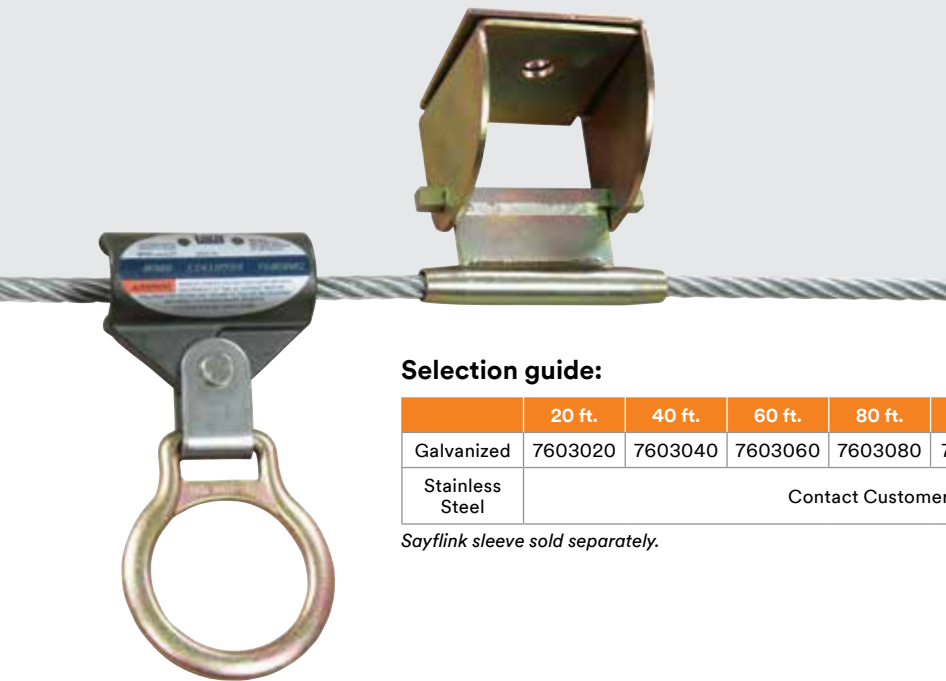
Comparison guide:

	EZ-Line™	Sayline Synthetic	Sayline Cable	Multi-Span	SecuraSpan
Maximum Length	60 ft.	100 ft.	100 ft.	180 ft.	600+ ft.
Maximum Span Length	60 ft.	100 ft.	100 ft.	30 ft.	60 ft. w/stanchions, 100 ft.
Minimum Anchorage Strength	5,000 lbs.	5,000 lbs.	5,000 lbs.	5,000 lbs.	5,000 lbs.
Multi-spans Allowed	Yes	No	No	Yes	Yes
Maximum Number of Spans	Many	1	Many	12	Many
Maximum Users on System	6	2	6	2	6
Maximum Users on Span	2	2	2	2	2
420 lb. Capacity	Yes, derate system to single person per span.				

3M™ DBI-SALA® Temporary Multispan Cable Horizontal Lifeline System

Temporary Multispan Cable Horizontal Lifeline Systems are designed for “off-the-shelf” user installation. Custom lengths are available, call customer service for more information.

- Provides 100% continuous fall protection for two workers when they are properly attached to the appropriate lifeline.
- One-piece sleeve bypasses intermediates.
- System includes lifeline, intermediate bracket (one per 30 ft. span), termination hardware, tensioner and two metal energy absorbers.



Selection guide:

	20 ft.	40 ft.	60 ft.	80 ft.	100 ft.	120 ft.	140 ft.	160 ft.	180 ft.
Galvanized	7603020	7603040	7603060	7603080	7603100	7603120	7603140	7603160	7603180
Stainless Steel	Contact Customer Service for part numbers.								

Sayflink sleeve sold separately.

Temporary Multispan Cable Accessories

7608001
Intermediate Bracket
For multi-span systems.



7608002
Sayflink™ Sleeve
For Temporary Multispan Cable Horizontal Lifeline Systems.



Security and confidence at height.



3M™ DBI-SALA® Vertical Systems are designed to complement your ability to work while meeting all applicable OSHA and ANSI standards.

Vertical fall protection systems allow workers to move up and down the entire height of the lifeline rather than having to disconnect and find new tie-off points along the way. Some important considerations when selecting a system include:

Portable or permanent

Temporary jobs require portable systems with synthetic lifelines that can be moved from one location to another. For structures that are accessed often, a permanent solution is a better choice.

Mobile or fixed

Mobile rope grab or ladder sleeve designs automatically follow the user for easy operation. Fixed devices allow the user to fix the unit in place for positioning or restraint applications.

The rules have changed: walking-working surfaces

OSHA's final rule to update general industry walking-working surfaces and fall protection standards (29 CFR 1910.140) means that outdoor advertising fixed ladders over 24 feet will require ladder safety or personal fall arrest systems. It also means that fixed ladder cages and wells must be phased out and replaced by ladder safety or fall arrest systems by 2036.

3M™ DBI-SALA® Lad-Saf™ Flexible Cable Vertical Safety Systems

Adding or upgrading your vertical safety systems just got easier. The new generation of Lad-Saf Systems are reengineered to simplify and speed up the installation process. With up to 72% fewer loose components* than some of our previous models, these lightweight systems are streamlined for easy installation and maintenance on a variety of structures—such as fixed ladders and telecommunication towers.

They have also been designed to meet the requirements of the new ANSI Z359.16 standard when used with our Lad-Saf X2 or X3 sleeve, helping you to stay in compliance with the current fall protection standards.

6116632

Rung, 2 User,
Stainless Steel

6116631

Rung, 2 User,
Galvanized Steel



Convenient

Integrated fall arrest-rated anchor point.

Fast

Installation is easy with fewer loose parts and more robust cable tensioning and termination as compared to our previous systems.

New Pre-Swaged Cable Termination

Durable, high-strength steel construction that allows for easy installation and maintenance-free longevity.

Flexible

Mounting brackets can be used on a variety of fixed ladder styles that may consist of different rung spacings and shapes.

Light

Total system weighs less than our previous 2- and 4-user systems.

Simple

Most configurations use fewer than 13 separate components—up to 72% less than some of our previous models.

Compatible

Designed for use with your Lad-Saf X3 Detachable Cable Sleeve (6160054). Also compatible with Lad-Saf X2 Detachable Cable Sleeve (6160030).

**On specific models.*



Previous
Generation
Cable



Lad-Saf X3

Introducing

3M™ SecureFit™ Safety
Helmet X5000 Series

Achieve comfort without
compromise while you climb.

3M.com/SecureFitSafetyHelmet



3M™ DBI-SALA® Lad-Saf™ Flexible Cable Vertical Safety Systems

6116633

Rung, 4 User,
Galvanized Steel



6116634

Monopole, 4 User,
Galvanized Steel

6116638

Monopole, 4 User,
Stainless Steel



6116618

Telescoping Extension,
4 User, Galvanized Steel

*Ideal to provide access to rooftops
through a roof hatch.*



6116636

Climb Extension,
2 User,
Galvanized Steel



3M™ DBI-SALA® Lad-Saf™ Custom Configured Systems

Choose from each of the following categories:

Top & Bottom Bracket System (both brackets included)

Application	User	Material	Part #
Rung	2 User	Galvanized Steel	6116631
Rung	2 User	Stainless Steel	6116632
Rung	4 User	Galvanized Steel	6116633
Wood Pole	2 User	Galvanized Steel	6116635
Monopole	4 User	Galvanized Steel	6116634
Monopole	4 User	Stainless Steel	6116638
Climb Extension	2 User	Galvanized Steel	6116636
Telescoping Extension	4 User	Galvanized Steel	6116618

Pre-swaged cable at desired length

First 4 numbers in SKU represent the cable type, last 3 numbers represent cable length in feet.

Part #	6104XXX	6105XXX	6106XXX	6107XXX
Diameter	3/8 in. (9.5 mm)	3/8 in. (9.5 mm)	3/8 in. (9.5 mm)	3/8 in. (9.5 mm)
Strand	1 × 7	1 × 7	7 × 19	7 × 19
Steel	Galvanized	Stainless	Galvanized	Stainless
Preformed	Left, Regular Lay	Left, Regular Lay	Right, Regular Lay	Right, Regular Lay
Compliance	RR-W-410	RR-W-410	RR-W-410	RR-W-410
Breaking strength	15,400 lbs. minimum	18,000 lbs. minimum	14,400 lbs. minimum	12,000 lbs. minimum

Lifeline cable offered in:

- 10–100 ft. in 5 ft. increments
- 100–200 ft. in 10 ft. increments
- Over 200 ft. in 20 ft. increments



Cable guides as needed (recommended every 20–40 feet)

Application(s)	Type	Material	Part #
Ladder	Straight Guide	Galvanized Steel	6100400
Ladder	Straight Guide	Stainless Steel	6100457
Ladder	L Guide	Stainless Steel	6100513
Ladder	Straight Guide	Galvanized Steel	6100530
Telescoping & Extension	Straight Guide	Stainless Steel	6100401
Monopole	L Guide	Galvanized Steel	6100515
Wood Pole	Straight Guide	Stainless Steel	6100140

6100400



Additional cable guides available. Contact your 3M Fall Protection Sales Representative for more information.

3M™ DBI-SALA® Lad-Saf™ Complete Systems

Ordering a complete system is now even easier. We offer our most popular systems and lengths including all bracketry, cable, and guides—all in one single SKU.

2-User Ladder System and Cable

Cable Length	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
Guides Included	0	1	1	1	2	2	2	3	3
Galvanized Steel: 6116631: Rung, 2-User 6104XXX: 1 × 7 Swaged Cable, 3/8 in. 6100400: Cable Guide for fixed ladder (1 per 30 ft.)	6118020	6118030	6118040	6118050	6118060	6118070	6118080	6118090	6118100
Stainless Steel: 6116632: Rung, 2-User 6105XXX: 1 × 7 Swaged Cable, 3/8 in. 6100457: Cable Guide for fixed ladder (1 per 30 ft.)	6119020	6119030	6119040	6119050	6119060	6119070	6119080	6119090	6119100



5901980

Ladder Gate

Designed to help protect you from the dangers (and liability) of unauthorized ladder access.

- Fits ladder widths up to 20 in. (50.8 cm). Mounting hardware included.
- Aluminum construction 8 ft. (2.4 m) height x 36 in. (91.4 cm) width.

Walking-Working Surfaces:

General Industry 29 CFR 1910 Ladder Requirements

Applies to fixed ladders that extend over 24 feet.

Employers must equip existing fixed ladders with a cage, well, ladder safety system or personal fall arrest system.

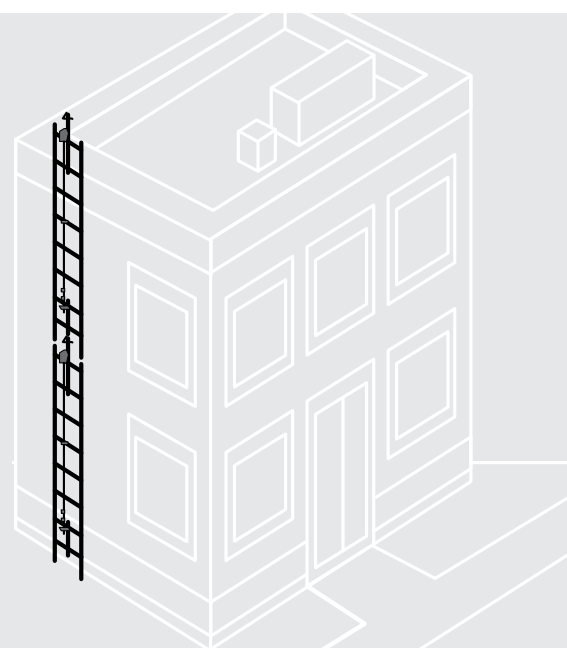
Effective November 19, 2018

Employers must begin equipping new fixed ladders with a ladder safety system or personal fall arrest system.

Effective November 19, 2018

All fixed ladders must be equipped with a ladder safety system or personal fall arrest system.

Deadline: November 18, 2036



3M™ DBI-SALA® Fixed Ladder SRL Anchor



An alternative option to bring your ladders into compliance is here: the 3M™ DBI-SALA® Fixed Ladder SRL Anchor. At under 30 lbs., this solution adds a convenient tie-off point to existing ladders, helping you meet OSHA's walking working surfaces standard.

Designed with versatile mounting capabilities, the ladder anchor can be positioned to the left or right, and in front or behind the ladder rungs to stay out of the way.

Transportable.

- Under 30 lbs. for ease of transport and installation.

Simple setup.

- Some installations may be made in as little as 5 minutes.

Compatible with your existing fall protection harness.

- Unlike a fixed cable system, this solution doesn't require a front D-ring, which can reduce overall implementation costs.

Versatile installation.

- The ladder anchor can be mounted to the front or behind the ladder with left, right or center alignments.

Designed for durability.

- Available in galvanized or stainless steel.

Compliant to standards.

- Meets 29 CFR OSHA 1910 Walking Working Surfaces Section 1910.27.

3M™ DBI-SALA® Fixed Ladder SRL Anchors

Model #	Length*	Material
6100562	4 ft.	Galvanized
6100563	4 ft.	Stainless Steel
6100564	6 ft.	Galvanized
6100565	6 ft.	Stainless Steel

**Average distance from top rung connection to the anchor point*

All ladder anchor SKUs and associated products available in pallet SKUs. Please contact Customer Service.

Accessories

3M™ DBI-SALA® Smart Lock Self-Retracting Lifeline

1,350 lb. Maximum Arresting Force (MAF)

3503803 20 ft. SRL, Galv. Cable

3503804 20 ft. SRL, SS Cable

3503800 30 ft. SRL, Galv. Cable

3503801 30 ft. SRL, SS Cable

6100566

Ladder Anchor Tagline



Complete Systems

6100568

- 3M™ DBI-SALA® Fixed Ladder SRL Anchor, 4 ft. galvanized
- Smart Lock SRL, 30 ft.
- Tagline

6100569

- 3M™ DBI-SALA® Fixed Ladder SRL Anchor, 4 ft. galvanized
- Smart Lock SRL, 50 ft.
- Tagline



SSB (Speed Sensing Brake) Systems support workers' motions and provides fall protection while climbing tall ladders and towers. Great for on-shore and off-shore drilling platforms.

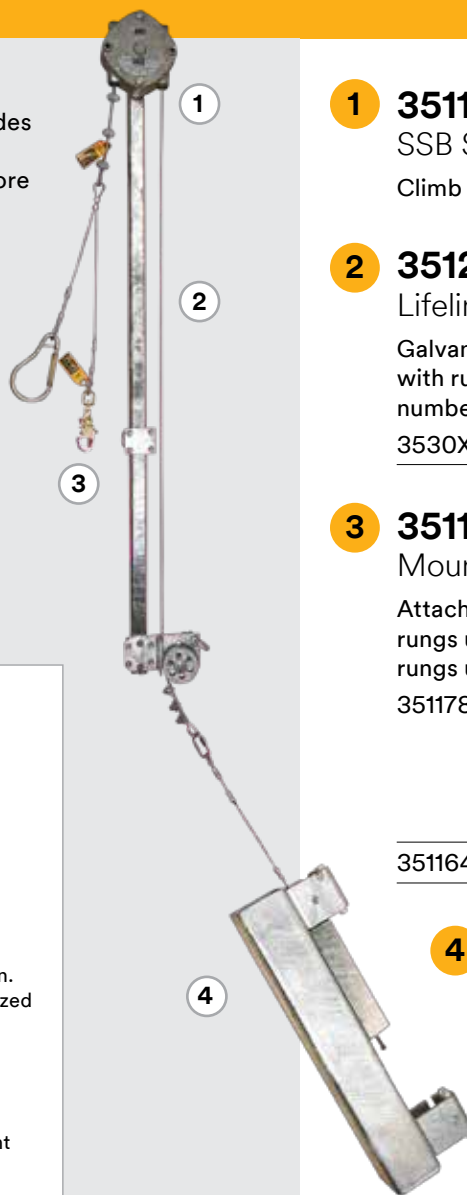
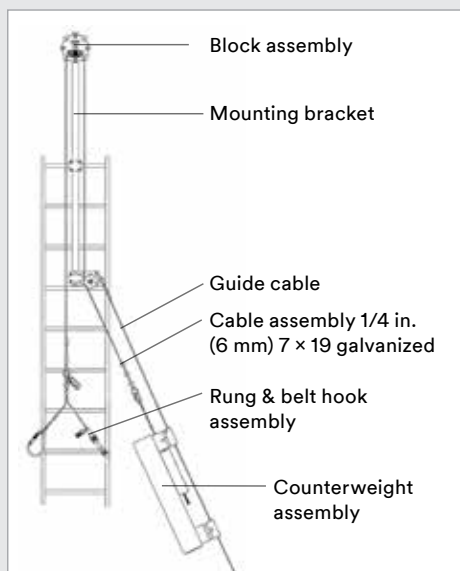
Added safety

Counterweight includes a runaway brake as a backup safety measure.

Many length options

Durable materials

Block pulley features aluminum housing and system is galvanized for corrosion resistance.



1 3511063

SSB Safety Block

Climb assist main block pulley assembly.

2 3512XXX

Lifeline Assembly

Galvanized 1/4 in. (6.3 cm) 7 × 19 cable assembly with rung and belt hook (last three digits in part number signify length).

3530XXX Stainless Steel Lifeline Assembly

3 3511783

Mounting bracket

Attaches safety block to structure. Fits round rungs up to 3/4 in. (1.9 cm) diameter or square rungs up to 9/16 in. (1.4 cm) per side.

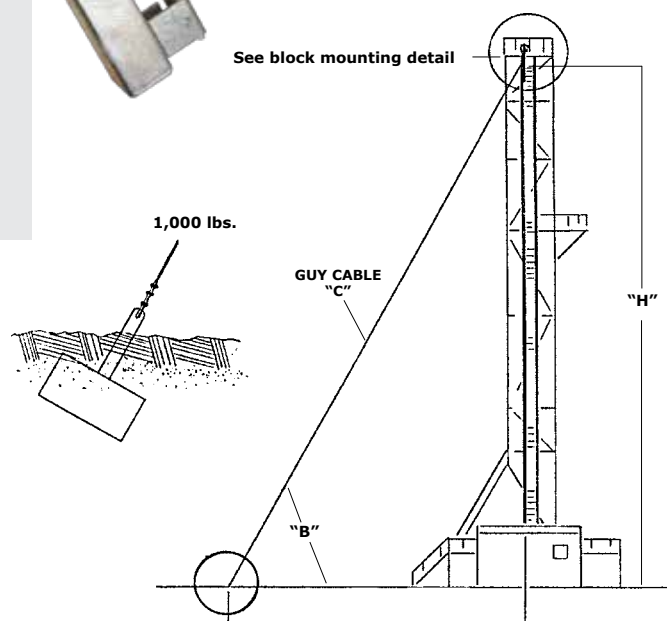
3511785 Mounting bracket, fits round rungs over 3/4 in. (1.9 cm) up to 1-1/2 in. (3.8 cm) diameter or square rungs over 9/16 in. and up to 1-1/2 in. (3.8 cm) per side.

3511645 Rung Belt Assembly

4 3511598

Counterweight Assembly

80 lb. (36.3 kg) counterweight with integrated runaway brake system.



3M™ DBI-SALA® Rope Grabs

5000335

3M™ DBI-SALA®
Lad-Saf™ Mobile
Rope Grab

Detachable design can be attached or removed anywhere along lifeline. For use on 3M approved 5/8 in. (16 mm) polyester/polypropylene rope lifeline. Use with 3 ft. (0.9 m) shock-absorbing lanyard.



5002045 Lad-Saf Rope Grab with attached EZ-Stop™ Shock-Absorbing Lanyard x 3 ft. (0.9 m)

5001442 Lad-Saf Rope Grab for use on 3M approved 3/4 in. (19 mm) polyester/polypropylene rope lifeline x 3 ft. (0.9 m). For use with 3 ft. shock-absorbing lanyard.



1246037

3M™ DBI-SALA®
EZ-Stop™ Rope Adjuster

Installs at top or bottom of the lifeline. For use on 3M approved 5/8 in. (16 mm) rope lifeline. Equipped with RFID.

Rope Lifelines

Various styles and lengths are available to suit any need.



5000338

Lad-Saf Wire Rope Grab

Manual design for use in extremely abrasive or corrosive environments. For use on 3M approved 3/8 in. (9.5 mm) 7 x 19 galvanized or stainless steel cable. Use with 4 ft. (1.2 m) shock-absorbing lanyard.



5000400

Rope Grab Kit

Complete rope grab system in a bag for convenient fall protection compliance on the job. Kit includes:

- Mobile Rope Grab (5000335)
- Shock-Absorbing Lanyard (1246012)
- Lifeline x 50 ft. (1202794)
- Counterweight (5901583)
- Tie-Off Adapter (1003000)
- Carrying Bag (9511597)



5000401 Rope Grab Kit with 100 ft. (30 m) Lifeline (1202844) and Carrying Bag. (9503806)

5901583

Counterweight

5.7 lb. (2.6 kg) flexible counterweight keeps lifeline taught. Nylon construction. Built-in web loop for attachment to lifeline. Compact and portable design. Equipped with RFID.



Polyester/Polypropylene Blended Rope Lifeline

Hook style	Lifeline diameter (inch/mm)	25 ft. (8 m) lifeline	50 ft. (15 m) lifeline	75 ft. (22 m) lifeline	100 ft. (30 m) lifeline	150 ft. (46 m) lifeline
Snap hook at one end	5/8 in. (15.9 mm)	1202742	1202794	1202821	1202844	1202879
	3/4 in. (19.05 mm)	1202739	1202785	1202818	1202838	1202877
Snap hook at both ends	5/8 in. (15.9 mm)	1202740	1202790	1202823	1202842	1202878

Custom sizes available.

3M™ DBI-SALA® Engineered Systems

Flexibility for demanding worksites.

Meet the fall protection needs of your unique worksite with a safety system designed specifically for your application. A 3M certified specialist will help you with options for the selection, installation, training and use of your engineered system. Contact customer service to find a certified specialist to assist you.



Overhead Applications

- Specifically designed to meet the needs of transport and industrial applications.
- Can be used for work at height on trains, trucks, aircraft, crane walkways and loading bays.
- Supports self-retracting lifelines and controlled rate descent devices up to 33.1 lbs. (150.1 kg).
- Allows up to 200 ft. (61 m) single span for one user and up to 100 ft. (30.5) single span for multiple users.*

**The number of system users and span lengths must be verified by the calculation software.*



3504550

3M™ DBI-SALA® Ultra-Lok™
RSQ Self-Retracting Lifeline

Dual mode RSQ allows for a simple, effective rescue should a fall event occur.



Wall and Floor Applications

- Engineered lifeline systems can be used for modern building projects, refurbishments and industrial safety applications.
- Can be fitted to steel beams, concrete and brickwork.
- Suitable for use on older roof constructions in conjunction with fabricated anchor posts.**

***Not supplied by 3M Fall Protection.*

3500214

3M™ DBI-SALA® Nano-Lok™
edge Quick-Connect
Self-Retracting Lifeline

8 ft. (2.4 m) lifeline with 3/16 in. (5 mm)
galvanized steel wire rope and aluminum
captive carabiner, quick connector for
harness mounting.



See customizable systems on the following page.

3M™ DBI-SALA® Engineered Systems

Each worksite presents its own set of unique challenges, so fall protection systems need to be adaptable to ensure worker safety. We offer a comprehensive range of fully compliant, practical solutions for most industries.

Roof Safe Cable and Anchor System

Designed with today's modern lightweight roofs in mind, these systems include minimally intrusive fixing procedures. They're designed for installation on a wide variety of roofing structures while protecting their integrity, and feature a variety of components that can be combined in a multitude of configurations.

- Posts can be used as part of an HLL System or as standalone single point rooftop anchors.
- Span up to 15 m (50 ft.) between anchors.
- Provides continuous hands-free access for up to four simultaneous users.



8 mm Permanent Horizontal Lifeline Systems

Cloud based software helps with installation procedures. These systems are easy to calculate, design, specify, install and use.

- Posts can be used as part of an HLL System or as standalone single point rooftop anchors.
- Span up to 15 m (50 ft.) between anchors.
- Provides continuous hands-free access for up to four simultaneous users.



Horizontal Rail Safety Systems

Made of a quality extruded aluminum, these rail systems combine a simple, continuous and functional anchorage system for user safety, along with a low profile design that may help with facility or building aesthetics. In addition to fall protection applications, it has also been used extensively as the primary anchor point for suspended rope access tasks.

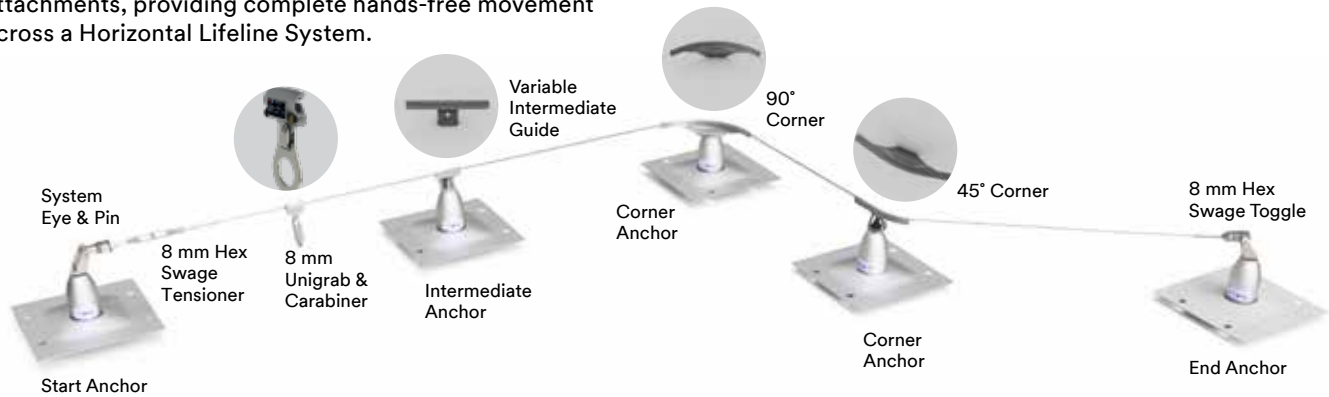
- Span up to 15 m (50 ft.) between anchors.
- Posts can be used as part of an HLL System or as an individual anchor point
- Provides continuous hands-free access for up to four simultaneous users.



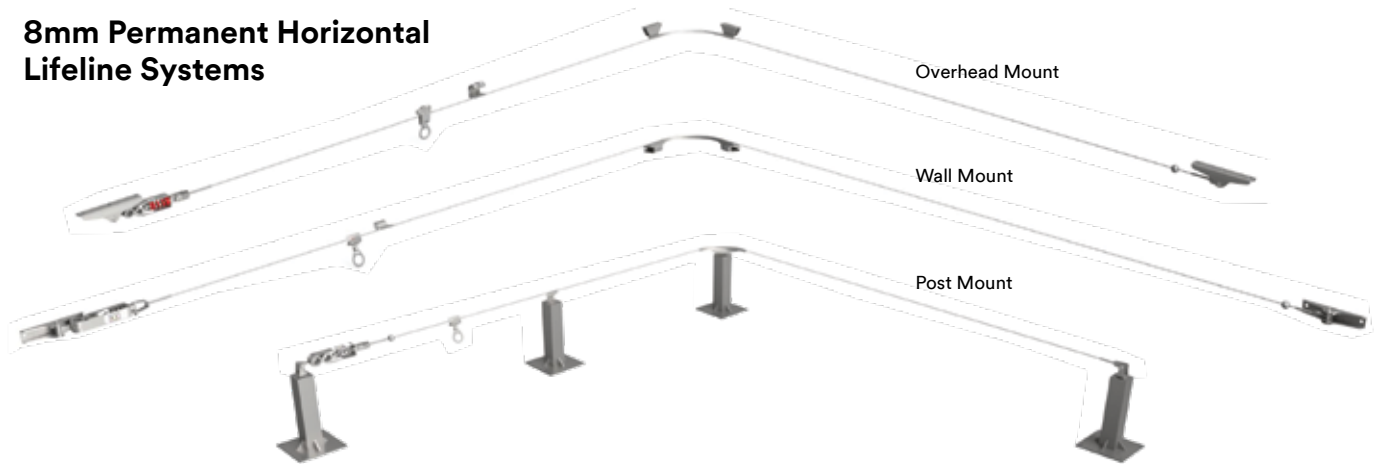
Contact EngineeredSystems-FP@mmm.com to consult with a certified specialist today.

Roof Safe Cable and Anchor System

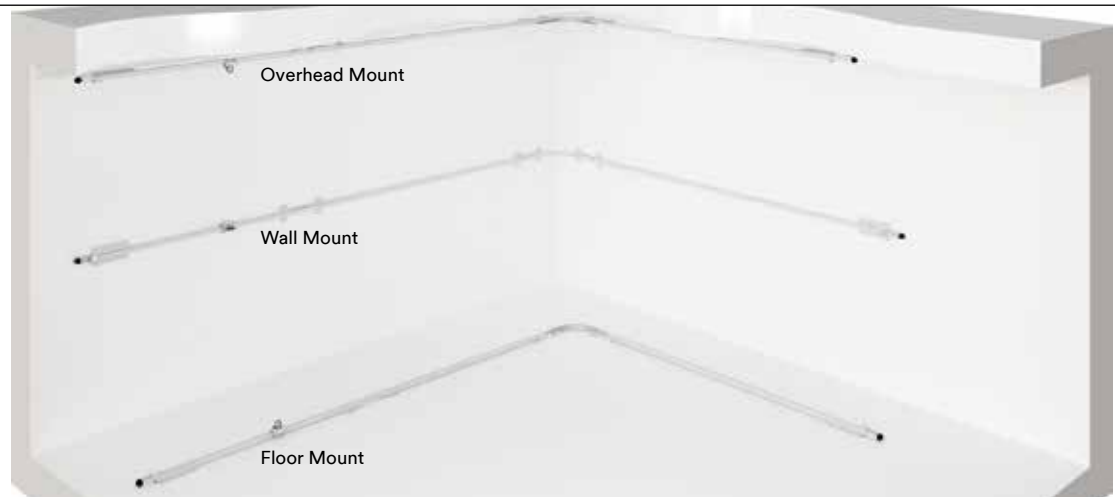
A range of system components are available including free-flowing intermediate guides and corner attachments, providing complete hands-free movement across a Horizontal Lifeline System.



8mm Permanent Horizontal Lifeline Systems



Horizontal Rail Safety Systems



**Scan the QR code and Download the
3M™ Fall Protection Configurator App**



3M™ DBI-SALA® Flexiguard™ Solutions



Unique solutions for unique applications.

No two jobs or job sites are the same. Whether you're working on airplanes or oil rigs, you need a secure anchor point to get the job done. 3M™ DBI-SALA® Flexiguard™ Solutions are designed to help provide safe working areas with overhead anchor points for one or more workers in a variety of challenging situations. These systems are versatile and often mobile. Rugged enough for indoor or outdoor applications, these systems are great for the transportation, construction, oil and gas, mining and utilities industries.

Augment your expectations.

The 3M Fall Protection Configurator App is here—view select 3M™ DBI-SALA® Flexiguard™ Solutions in your work environment, right from your phone. Contact 3M for more information or to schedule a site assessment.

System Type	 Transportation	 Mining	 Defense	 General Industry
Modular Jib System	■	■	■	■
Counterweighted Rail	■	■		
Counterweighted Jib	■	■	■	■
C-Frame	■	■	■	
A-Frame	■	■	■	■
Box Frame	■	■	■	■
Portable Access Ladder	■			
Freestanding Access Ladder	■		■	
Trailer Mounted	■	■		■

■ Primary Application ■ Alternate Application

3M™ DBI-SALA® Flexiguard™ Modular Jib System — M200

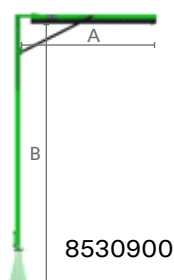
Get the coverage you need with this modular fall protection system. Available in both the M100 and M200 Series, the 3M™ DBI-SALA® Flexiguard™ Modular Jib System features a simplified design that enhances worker safety in multiple applications. Increased rail-length configurations improve working coverage while a new design facilitates easier system transport.

M200

Total System Weight	Max. Component Weight	Offset/Reach (A)	Height (B)	Mast Rotation Range	SRL Maximum Arresting Force
12,668 lbs. (5,746 kg)	5,000 lbs. (2,268 kg)	15 ft. (4.6 m) Single User Models 12 ft. (3.7 m) Dual User Models	Up to 30 ft. (9.1 m)	360° for all bases.	1,350 lbs. (6 kN)



1. Choose from 14 interchangeable mast options.



Semi-Fixed Height* Single User Masts

8530899 15 – 20 ft. (4.6 – 6 m)

8530900 20 – 25 ft. (6 – 7.6 m)

8530901 25 – 30 ft. (7.6 – 9.1 m)

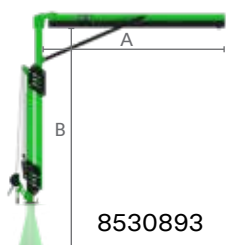


Semi-Fixed Height* Dual User Masts

8530902 15 – 20 ft. (4.6 – 6 m)

8530903 20 – 25 ft. (6 – 7.6 m)

8530904 25 – 30 ft. (7.6 – 9.1 m)



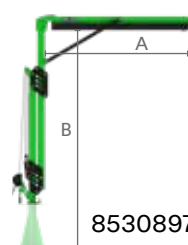
Adjustable Height** Single User Masts

8530891 12.3 – 15 ft. (3.8 – 4.6 m)

8530892 14.8 – 20 ft. (4.5 – 6.1 m)

8530893 17.3 – 25 ft. (5.3 – 7.6 m)

8530894 19.8 – 30 ft. (6 – 9.1 m)



Adjustable Height** Dual User Masts

8530895 12.3 – 15 ft. (3.8 – 4.6 m)

8530896 14.8 – 20 ft. (4.5 – 6.1 m)

8530897 17.3 – 25 ft. (5.3 – 7.6 m)

8530898 19.8 – 30 ft. (6 – 9.1 m)

*Semi-fixed masts have a small amount (5 ft. or 1.5 m) of adjustment to optimize the anchor height during installation.

**Adjustable height masts are adjusted easily using the integrated hand crank winch, or by using a power drill with the optional overload clutch accessory equipped.

2. Choose from 4 interchangeable base options.



8530887

Portable Counterweight
Base with concrete fill*

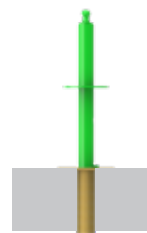
8530886 Without concrete

*Portable Counterweight Base optional
leveling jacks sold separately



8530888

Permanent Floor
Mounted Base



8530889

Permanent Flush
Mounted Base

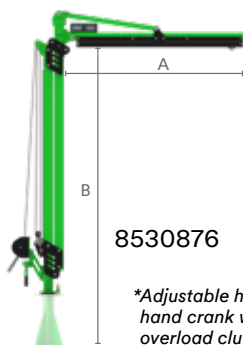
3. Choose your accessories on P.38 ►

3M™ DBI-SALA® Flexiguard™ Modular Jib System — M100

M100

Total System Weight	Max. Component Weight	Offset/Reach (A)	Height (B)	Mast Rotation Range	SRL Maximum Arresting Force
4,995 lbs (2,266 kg)	3,095 lbs. (1,404 kg)	7.5 ft. (2.3 m)	Up to 30 ft. (9.1 m)	270° with counterweight base. 360° with others.	1,350 lbs. (6 kN)

1. Choose from 7 interchangeable mast options.



Adjustable Height* Single User Masts

8530874 10 – 15 ft. (3 – 4.6 m)

8530875 2.5 – 20 ft. (3.8 – 6.1 m)

8530876 15 – 25 ft. (4.6 – 7.6 m)

8530876 8530877 17.5 – 30 ft. (5.3 – 9.1 m)

**Adjustable height masts are adjusted easily using the integrated hand crank winch, or by using a power drill with the optional overload clutch accessory equipped.*

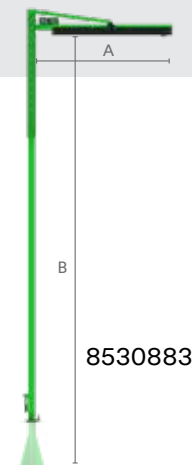
Semi-Fixed Height** Single User Masts

8530882 15 – 20 ft. (4.6 – 6 m)

8530883 20 – 25 ft. (6 – 7.6 m)

8530884 25 – 30 ft. (7.6 – 9.1 m)

***Semi-fixed masts offer a small amount (5 ft. or 1.5 m) of adjustment to optimize the anchor height during installation.*



2. Choose from 5 interchangeable base options.



8530870

Portable Counterweight
Base with concrete fill*

8530869 Without concrete

**Portable Counterweight
Base includes leveling jacks*



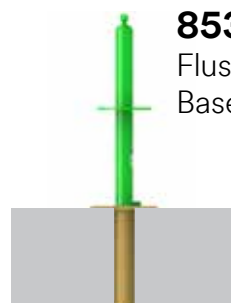
8530871

Floor Mounted
Base



8530873

Outrigger Base



8530872

Flush Mounted
Base

3. Choose your accessories on P.38 ▶

3M™ DBI-SALA® Flexiguard™ Modular Jib System Accessories

3. Choose your accessories.



Confined Space & Rescue Pulley Kit

Enables a rescue device to be mounted to the system. Includes mounting brackets and re-direct pulleys. Rescue devices sold separately.

8530885 M100

8530905 M200



Jack Stabilizing Kit

Designed to stabilize and level counterweight base systems on slightly uneven surfaces. (M200 only)

8530907 M200



Smooth Surface Caster Kit

Allows counterweight base systems to be maneuvered into tight spaces on smooth surfaces.

8530908 M100

8530908 M200



Forklift Pocket Mast Transport Kit

Allows mast to be separated from the base and transported vertically using a forklift.

8530911 M100

8530911 M200



Overload Clutch

Required to raise and lower adjustable masts with a power drill. (Drill not included)

8512936 M100

8512936 M200



Counterweight Box Lifting Ring Kit

Allows counterweight box to be moved with overhead lifting equipment. Includes four rings per kit. One kit needed per counterweight system.

8530914 M100

8530777 M200

3M™ DBI-SALA® Flexiguard™ Counterweighted Rail System

The Counterweighted Rail System is a portable solution with a counterbalanced design utilizing concrete blocks as ballast. The design allows for optimal positioning and maximum safe working coverage.

- Aluminum glide rail provides continuous fall protection up to 54 ft. long.
- Helps easily create an overhead anchor point for multiple workers.
- Portable system provides flexibility and versatility, letting you position close to the work surface without obstructing the equipment being accessed.
- Systems available with or without concrete counterweight on base.

Counterweighted Jib Rail Models

SKU	Weight (lbs.) w/ concrete	Concrete Counterweight	Overall Height	Users
8517760	11,380	No	23' 7"	2
8517761	11,380	Yes	23' 7"	2
8517762	11,540	No	23' 7"	2
8517763	11,540	Yes	23' 7"	2

Systems with concrete counterweight included ship with two 3,500 lb. concrete blocks.



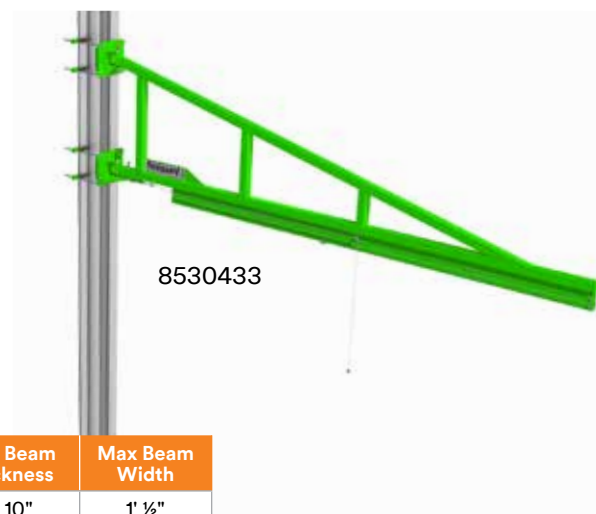
3M™ DBI-SALA® Flexiguard™ Jib Arms & Rails

The Pivoting Jib Arm & Rail systems are permanently mounted and integrated systems, providing optimal and non-intrusive coverage. These designs clamp to pre-existing structures making them ideal for manufacturing environments and other similar applications.

- Non-base mounted system attaches to supporting, fixed structure (e.g. on I-Beam) on the job site.
- Mounting clamps, plates and hardware included with systems.
- System rotates 180 degrees and locks every 7.5 degrees.

1-User Rated Pivoting Jib Boom Models

SKU	Weight (lbs.)	Overall Height	Overall Width	Rail Length	Max Beam Thickness	Max Beam Width
8530433	560	5' 8"	1' 7"	20' 0"	0' 10"	1' ½"



3M™ DBI-SALA® C-Frame System

The C-Frame System is a mobile solution designed to be positioned manually, or with the use of a tow bar (optional) and service vehicle. The freestanding design utilizes protruding outriggers that extend below the work surface for stability. Available in adjustable height and fixed height models for a wide variety of applications.

- Designed to be moved manually or with a tow bar and service vehicle.
- Designed to be positioned under equipment with minimal ground clearances.
- Adjustable systems allow rail height to be adjusted by manually cranking the winch—allowing for passage under obstructions and building doorways.

2-User Rated Fixed Height Models

SKU	Weight (lbs.)	Overall Height	Anchor Height	Trolley Rail Width
8530842	1,450	22' 0"	20' 0"	15' 0"
8530843	1,500	27' 0"	25' 0"	15' 0"
8530844	1,600	22' 0"	20' 0"	20' 0"
8530845	1,650	27' 0"	25' 0"	20' 0"

2-User Rated Adjustable Height Models

SKU	Weight (lbs.)	Overall Height	Anchor Height	Trolley Rail Width
8517701	1,650	13' 3" – 19' 7"	12' 4" – 18' 8"	10' 0"
8517703	1,970	13' 3" – 19' 7"	12' 2" – 18' 5"	15' 0"
8517705	2,100	13' 3" – 19' 7"	12' 2" – 18' 5"	20' 0"
8517707	2,105	18' 2" – 29' 8"	17' 2" – 28' 7"	15' 0"
8517709	2,236	18' 2" – 29' 8"	17' 2" – 28' 7"	20' 0"
8517711	2,240	23' 4" – 99' 8"	22' 2" – 38' 6"	15' 0"
8517713	2,370	23' 4" – 99' 8"	22' 2" – 38' 6"	20' 0"

Tow Bar Kits

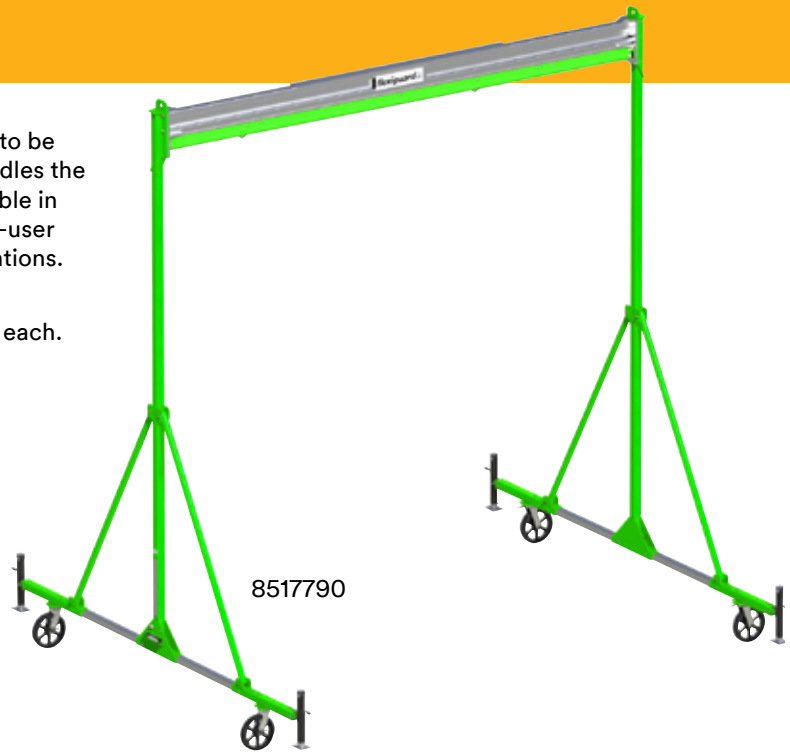
Description	Part #
Tow bar kit (does not include hitch)	8530859
Hitch ball, 2" adapter assembly	8513572
Pintle hitch, adapter assembly	8516187



3M™ DBI-SALA® A-Frame System

The A-Frame System is a mobile solution designed to be positioned manually. The freestanding design straddles the work surface, taking up minimal floor space. Available in adjustable height and fixed height models, this two-user solution can be utilized for a wide variety of applications.

- System contains a single rail rated for two users.
- Glide rail includes two trolleys rated for one user each.
- Systems include heavy-duty leveling jacks.
- Lightweight aluminum construction.*
- Portable design that can be moved easily.
- Four integrated swiveling wheels.



2-User Rated Fixed Height Models

SKU	Weight (lbs.)	Overall Height	Trolley Rail Width
8517790	1,230	17' 0"	15' 0"
8517791	1,380	17' 0"	20' 0"
8517792	1,540	17' 0"	30' 0"
8517793	1,530	22' 0"	15' 0"
8517794	1,680	22' 0"	20' 0"
8517795	2,175	22' 0"	30' 0"
8517796	2,160	32' 0"	15' 0"
8517797	2,240	32' 0"	20' 0"
8517798	2,420	32' 0"	30' 0"

16" rubber molded wheels.

2-User Rated Adjustable Height Models

SKU	Weight (lbs.)	Overall Height	Trolley Rail Width
8517780	3,160	17' 11" – 24' 5"	20' 0"
8517781	3,225	17' 11" – 24' 5"	30' 0"

16" foam filled wheels.



8529744

Converts wheels (qty. 4 required) to 16 in. foam filled pneumatic tires. (Fixed height A-frame systems only.)



9502782

Grounding reel kit.

*Compared to comparable steel construction.

3M™ DBI-SALA® Flexiguard™ Box Frame



The Box Frame System is a mobile solution designed to be positioned manually. The freestanding design straddles the work surface, allowing the fall protection rails to run parallel with the work surface. This system will provide fall protection coverage over a large footprint or area. Available in adjustable height and fixed height models, this two-user solution can be utilized for a wide variety of applications.

Fixed Height Features:

- Provides an effective overhead anchor point.
- Available as a permanent frame or portable for easy relocation.

Adjustable Height Features:

- Adjustable using an overhead crane, forklift or powered system.
- Combines overhead anchorages with mobility in areas with overhead obstructions or door height restrictions.
- Integrated pin-height selection system.

2-User Rated Fixed Height Models

SKU	Weight (lbs.)	Wheel Type	Overall Height	Trolley Rail Width
8530345	1,300	16" pneumatic	15' 0"	Dual rail 15' 6"
8530361	1,500	12" rubber	22' 4"	Single rail 28' 0"
8530427	4,370	16" pneumatic	31' 11"	Dual rail 32' 0"

2-User Rated Adjustable Height Model

SKU	Weight (lbs.)	Wheel Type	Overall Height	Trolley Rail Width
8530288	1,370	12" rubber	13' 4" – 19' 4"	Single rail 28' 0"

3M™ DBI-SALA® Flexiguard™ Portable Access Ladder

The Portable Access Ladder System (PALS) is a mobile solution designed to be positioned manually or with the use of a tow bar (optional) and service vehicle. An adjustable height integrated ladder provides access and egress from elevated work surfaces with an integrated anchor point for added security. The optional rescue kit enables confined space rescue and retrieval capabilities on elevated work surfaces. A variety of other options and accessories make this ladder highly configurable for unique applications.

- Manual height adjustment via winch assembly.
- Multiple height adjustment ranges available.
- All systems include a fall arrest bar for accessing ladder.
- System includes heavy-duty leveling jacks.

2-User Rated Portable Access Ladder System

SKU	Weight (lbs.)	Platform Height	Anchor Height	Base Length
8530852	1,030	8' 2" – 13' 9"	16' 5" – 22' 0"	5' 2"
		7' 8" – 13' 3"	16' 7" – 22' 2"	
8530853	1,046	10' 1" – 15' 8"	18' 3" – 23' 10"	5' 2"
		9' 7" – 15' 2"	18' 6" – 24' 1"	

*When assembled with 8530854, 8530855, 8530856.



8530854

Guardrail Cage,
5.5 ft. diameter



8530856

Guardrail add-on kit
for uneven surfaces



8530855

Rescue kit

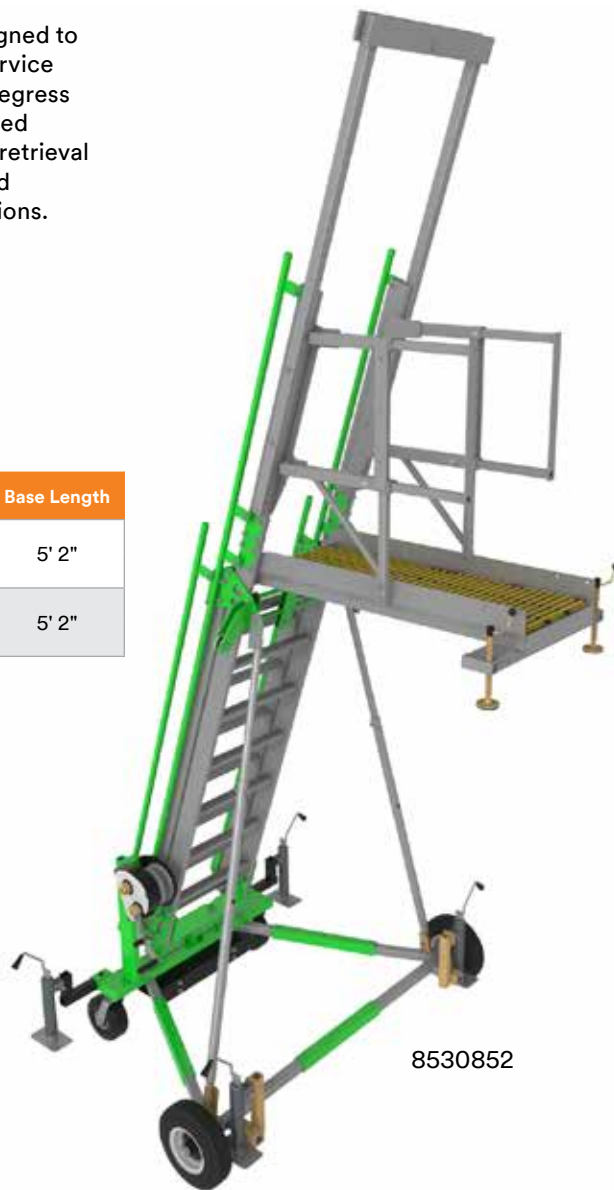
8515349

Sideways moving kit



8530859

Folding tow bar kit with 2 in. ball
and pintle couplers included



8530852

3M™ DBI-SALA® Flexiguard™ Freestanding Access Ladder

This system is a mobile solution designed to be positioned manually or with the use of a tow bar and service vehicle. An adjustable height integrated ladder provides safe access and egress from elevated work surfaces with integrated anchor points supporting up to two workers simultaneously. Adjustable platform heights up to 30 ft. 11 in. provide the ability to serve a multitude of applications.

- Manual height adjustment via winch assembly.
- All systems include a fall arrest bar for accessing ladder.
- System includes leveling jacks.
- Includes 6 ft. working platform with foam bottom and collapsible guardrail handles.

2-User Rated Free-Standing Access Ladder Models

SKU	Weight (lbs.)	Platform Height	Anchor Height	Base Length	Overall Length
8517715	2,056	10' 8" – 15' 8"	19' 7" – 24' 6"	12' 4"	12' 10"
8517717	2,206	14' 5" – 23' 2"	23' 4" – 32' 1"	14' 4"	17' 0"
8517719	2,850	18' 4" – 30' 10"	27' 2" – 39' 9"	17' 4"	20' 10"



3M™ DBI-SALA® Flexiguard™ Trailer Mounted Anchor System

The Trailer Mounted Anchor System is a mobile solution designed to be towed with a service vehicle from application to application. This self-supported design does not require the service vehicle to be attached for use. With an adjustable anchor height of 20 ft. 6 in., and the capacity for two workers, this solution provides maximum versatility.

- Trailer mounted solutions maximize portability and versatility to and from job site.
- System quickly raises and lowers with integrated winch and handle.
- Integrated brake mechanism automatically locks the mast height in the desired position.

2-User Rated Trailer System

SKU	Weight (lbs.)	Tongue Weight	Overall Height	Anchor Height	Overall Length	Cantilever from Trailer	Trailer Length	Trailer Width
8530690	5,500	550	13' 3" – 21' 0"	12' 9" – 20' 6"	17' 7"	3' 0"	14' 5"	7' 0"





Full-Body Harnesses

Harnesses

Whether you are 6' or 60' off the ground, your harness is more than just your safety connection — it's everything.

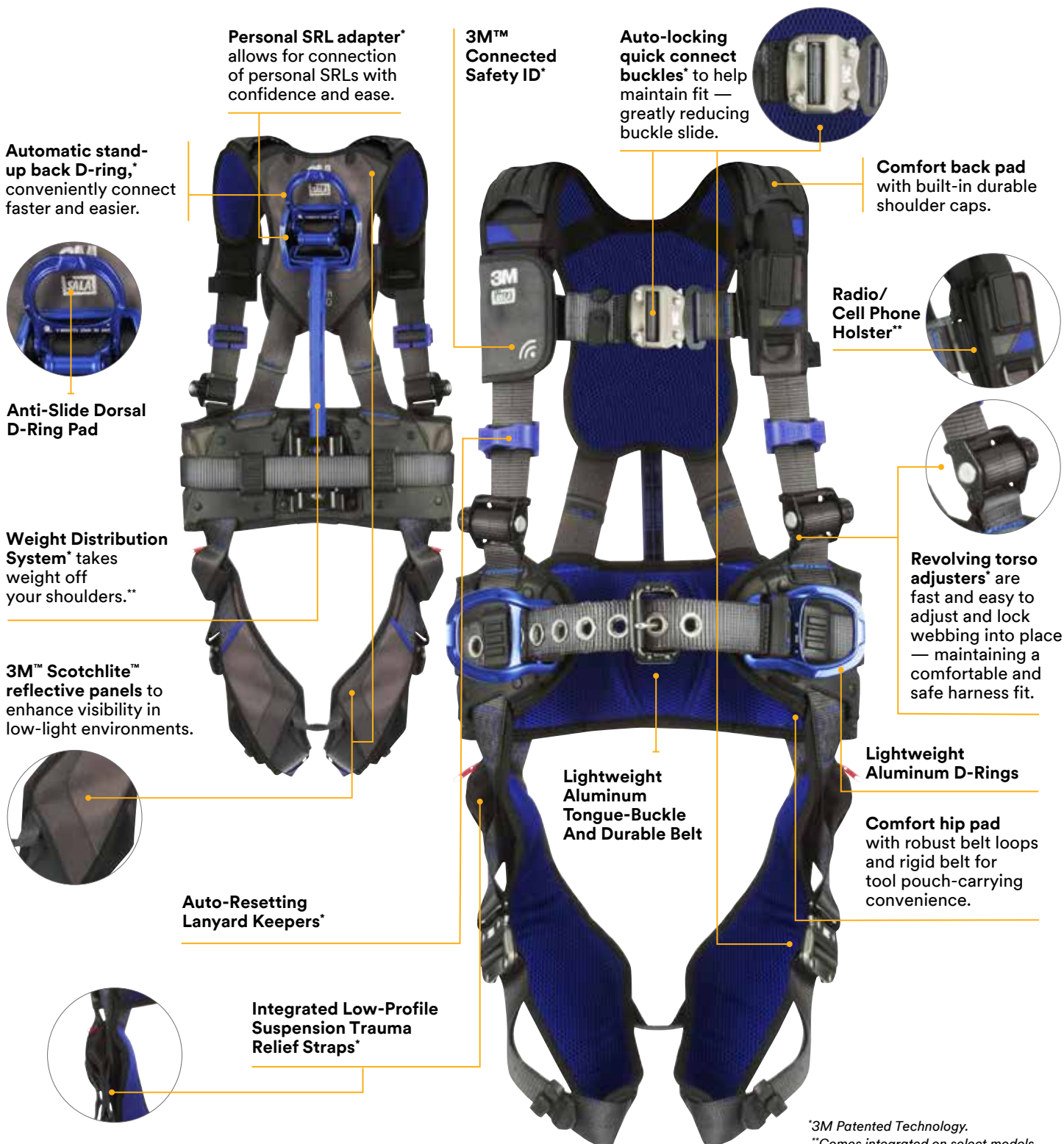
The right safety harness provides comfort and confidence, and could benefit the user's productivity, as well as gives them versatility to do what needs to be done on the job site. 3M™ DBI-SALA® Harnesses are designed for those who refuse to compromise. The new ExoFit™ X-Series harnesses are outfitted with components that have been developed to help enhance the safety, convenience, and performance for working at height on your jobsite.

We have launched innovations such as the Automatic stand-up dorsal D-ring, Revolving torso adjusters, locking quick-connect buckles, personal SRL adapter, anti-slide dorsal D-ring pad, weight distribution system, suspension trauma straps, and connected safety ID. While many of our harnesses can be used on most jobs, we also manufacture harnesses for specific uses within different industries, like Construction, Oil and Gas, Transportation, Utilities/Telecommunications and Wind Energy.

3M™ DBI-SALA® ExoFit™ X300 Harness

For those who refuse to compromise.

One of our most advanced harnesses just got better. With comfort and fit, it's optimized to help increase the performance and productivity of professionals who take pride in a job done right.



3M™ DBI-SALA® ExoFit™ X-Series Harnesses



ExoFit™ X100 Harness



ExoFit™ X200 Harness



ExoFit™ X300 Harness

B Full-Body Harnesses

Feature	X100	X200	X300
Personal SRL Adapter*		Steel**	Aluminum
Breathable Back Pads	Removable Shoulders (adaptable)	Mesh Shoulders (breathable)	Rubber Shoulders (durable)
Weight Distribution System* Models Available	✓		✓
Automatic Stand-Up D-Ring*		Steel**	Aluminum
Leg Padding			
Secure-Fitting Quick-Connect Buckles		Dual-locking*	Auto-locking*
3M™ Scotchlite™ Reflective Material			Padding Panels
Equipped with Radio/Phone Holster			✓**
Robust Comfort Hip Pad Belt Loops			✓

New ExoFit™ Comfort Harnesses available in a variety of styles:

- ▶ Vest
- ▶ Vest Climbing
- ▶ Vest Positioning
- ▶ Vest Retrieval
- ▶ Vest Climbing/Positioning
- ▶ Vest Climbing/Positioning/Retrieval
- ▶ X100 / X200 / X300 all include Suspension Trauma Straps
- ▶ Construction
- ▶ Construction Climbing
- ▶ Construction Positioning
- ▶ Construction Climbing/Positioning
- ▶ Construction Weight Distribution Positioning
- ▶ Construction Weight Distribution Climbing/Positioning
- ▶ Tower Climbing/Positioning
- ▶ Wind Energy Vest Climbing/Positioning
- ▶ Wind Energy Construction Climbing/Positioning
- ▶ Oil and Gas Vest Climbing/Positioning
- ▶ Oil and Gas Construction Climbing/Positioning
- ▶ Construction Mining

*3M Patented Technology

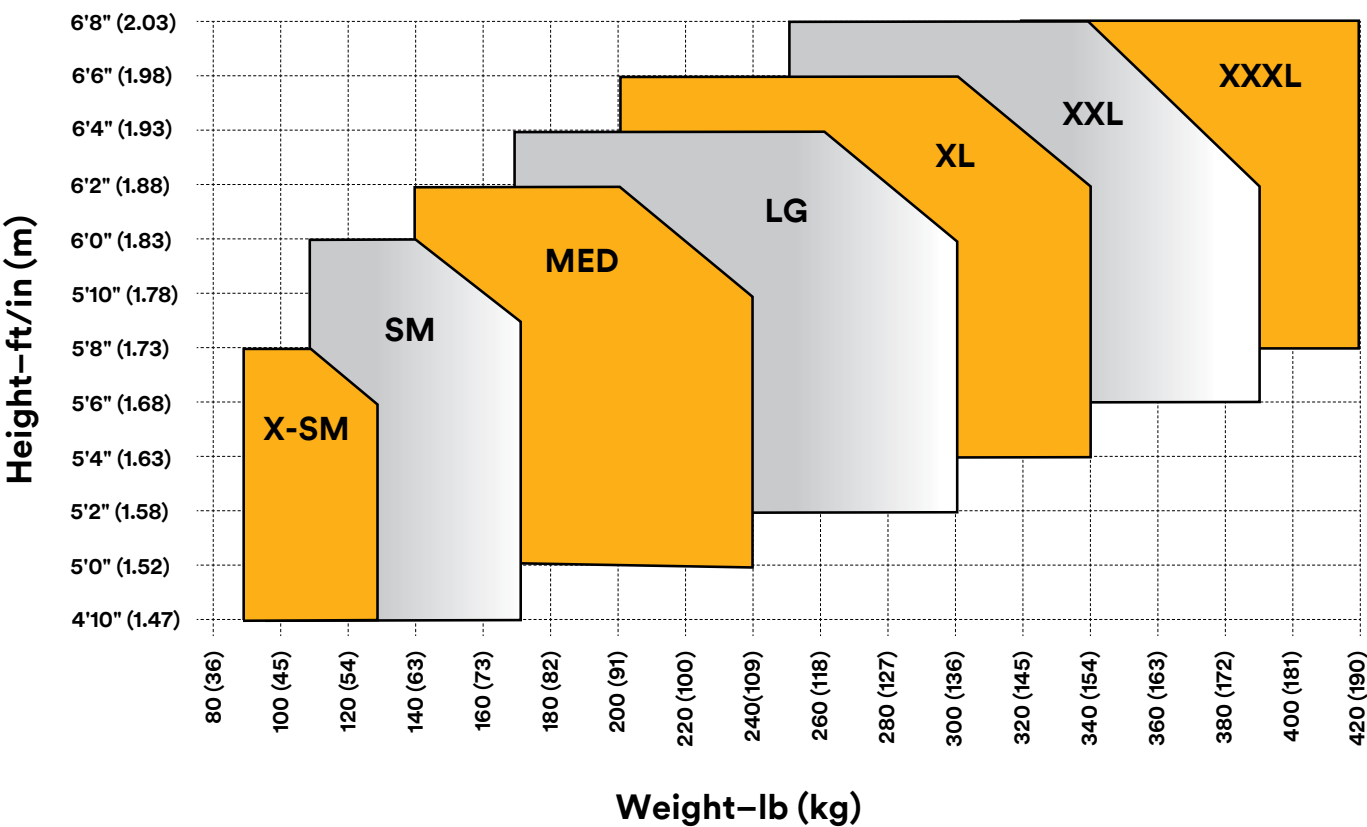
**Indicates availability on select models.

Designed for ultimate comfort and performance.

Wherever your work takes you, staying comfortably fitted in your safety harness is critical. Designed for comfort and performance, our new line of 3M™ DBI-SALA® ExoFit™ X-Series Harnesses help change the way you work and redefine what you should expect from a safety harness.

3M™ DBI-SALA® ExoFit™ X-Series Harness Sizing Chart

X100 | X200 | X300



3M™ DBI-SALA® ExoFit™ X100 Safety Harnesses

Gear up with confidence, quality, and performance.

General Industry



Construction



Construction
Weight Distribution



Telecommunications



Harness Style	Configuration (D-ring(s), Leg Buckles, Chest Buckle)	WDS ⁴	Small	Medium	Large	X-Large
General Industry						
Comfort Vest ¹	Back, Tongue Buckle, Pass-Thru		1401000	1401001	1401002	1401003
Comfort Vest ¹	Back, Quick-Connect, Quick-Connect		1401020	1401021	1401022	1401023
Comfort Vest Climbing ¹	Back Front, Tongue Buckle, Pass-Thru		1401005	1401006	1401007	1401008
Comfort Vest Climbing ¹	Back Front, Quick-Connect, Quick-Connect		1401025	1401026	1401027	1401028
Comfort Vest Positioning ¹	Back Hip, Tongue Buckle, Pass-Thru		1401010	1401011	1401012	1401013
Comfort Vest Positioning ¹	Back Hip, Quick-Connect, Quick-Connect		1401030	1401031	1401032	1401033
Comfort Vest Climbing/Positioning ¹	Back Front Hip, Tongue Buckle, Pass-Thru		1401015	1401016	1401017	1401018
Comfort Vest Climbing/Positioning ¹	Back Front Hip, Quick-Connect, Quick-Connect		1401035	1401036	1401037	1401038
Construction						
Comfort Construction Positioning ¹	Back Hip, Tongue Buckle, Pass-Thru		1401070	1401071	1401072	1401073
Comfort Construction Positioning ^{1,4}	Back Hip, Tongue Buckle, Pass-Thru	X	1401040	1401041	1401042	1401043
Comfort Construction Positioning ¹	Back Hip, Quick-Connect, Quick-Connect		1401090	1401091	1401092	1401093
Comfort Construction Positioning ^{1,4}	Back Hip, Quick-Connect, Quick-Connect	X	1401050	1401051	1401052	1401053
Comfort Construction Climbing/Positioning ¹	Back Front Hip, Tongue Buckle, Pass-Thru		1401075	1401076	1401077	1401078
Comfort Construction Climbing/Positioning ^{1,4}	Back Front Hip, Tongue Buckle, Pass-Thru	X	1401045	1401046	1401047	1401048
Comfort Construction Climbing/Positioning ¹	Back Front Hip, Quick-Connect, Quick-Connect		1401095	1401096	1401097	1401098
Comfort Construction Climbing/Positioning ^{1,4}	Back Front Hip, Quick-Connect, Quick-Connect	X	1401055	1401056	1401057	1401058
Telecommunications						
Comfort Tower Climbing ¹	Back Front Hip, Tongue Buckle, Quick-Connect		1401140	1401141	1401142	1401143
Retrieval						
Comfort Retrieval ¹	Back Shoulder, Tongue Buckle, Pass-Thru		1401156	1401157	1401158	1401159
Comfort Retrieval ¹	Back Front Hip Shoulder, Tongue Buckle, Pass-Thru		1401161	1401162	1401163	1401164

¹ Available in 2X-Large.

² Available in 3X-Large.

³ Available in X-Small.

⁴ Includes Weight Distribution System (WDS).

3M™ DBI-SALA® ExoFit™ X200 Safety Harnesses

Gear up with confidence, quality, and performance.

General Industry



Construction



Wind Energy



Oil and Gas



Telecommunications



Harness Style	Configuration (D-ring(s), Leg Buckles, Chest Buckle)	Small	Medium	Large	X-Large
General Industry					
Comfort Vest ¹	Back, Tongue Buckle, Pass-Thru	1402000	1402001	1402002	1402003
Comfort Vest ¹	Back, Dual Lock Quick-Connect, Dual Locking Quick-Connect	1402020	1402021	1402022	1402023
Comfort Vest Climbing ¹	Back Front, Tongue Buckle, Pass-Thru	1402005	1402006	1402007	1402008
Comfort Vest Climbing ¹	Back Front, Dual Lock Quick-Connect, Dual Locking Quick-Connect	1402035	1402036	1402037	1402038
Comfort Vest Positioning ¹	Back Hip, Tongue Buckle, Pass-Thru	1402010	1402011	1402012	1402013
Comfort Vest Positioning ¹	Back Hip, Dual Lock Quick-Connect, Dual Locking Quick-Connect	1402040	1402041	1402042	1402043
Comfort Vest Climbing/Positioning ¹	Back Front Hip, Tongue Buckle, Pass-Thru	1402015	1402016	1402017	1402018
Comfort Vest Climbing/Positioning ¹	Back Front Hip, Dual Lock Quick-Connect, Dual Locking Quick-Connect	1402050	1402051	1402052	1402053
Construction					
Comfort Construction Positioning ^{1,3}	Back Hip, Tongue Buckle, Dual Locking Quick-Connect	1402082	1402083	1402084	1402085
Comfort Construction Positioning ^{1,3}	Back Hip, Dual Lock Quick-Connect, Dual Locking Quick-Connect	1402105	1402106	1402107	1402108
Comfort Construction Climbing/Positioning ^{1,3}	Back Front Hip, Tongue Buckle, Quick-Connect	1402088	1402089	1402090	1402091
Comfort Construction Climbing/Positioning ^{1,2}	Back Front Hip, Dual Lock Quick-Connect, Quick-Connect	1402110	1402111	1402112	1402113
Wind Energy					
Comfort Wind Energy Climbing/Positioning ¹	Back Front Hip, Dual Locking Quick-Connect, Dual Locking Quick-Connect	1402125	1402126	1402127	1402128
Comfort Wind Energy Climbing/Positioning ¹	Back Front Hip, Dual Locking Quick-Connect, Dual Locking Quick-Connect	1402130	1402131	1402132	1402133
Oil and Gas					
Comfort Oil and Gas Climbing ¹	Back Hip, Tongue Buckle, Quick-Connect	1402115	1402116	1402117	1402118
Telecommunications					
Comfort Telecom Climbing/Positioning ¹	Back Front Hip, Dual Lock Quick-Connect, Quick-Connect	1402135	1402136	1402137	1402138
Comfort Telecom Climbing/Positioning ¹	Back Front Hip, Tongue Buckle, Quick-Connect	1402140	1402141	1402142	1402143
Cross-Over					
Comfort Cross-Over Climbing ¹	Back Front, Dual Locking Quick-Connect, Dual Locking Quick-Connect	1402156	1402157	1402158	1402159
Comfort Cross-Over Climbing/Positioning ¹	Back Front Hip, Dual Locking Quick-Connect, Dual Locking Quick-Connect	1402160	1402161	1402162	1402163
Retrieval					
Comfort Climbing/Positioning/Retrieval ¹	Back Front Hip Shoulder, Dual Locking Quick-Connect, Dual Locking Quick-Connect	1402150	1402151	1402152	1402153
Comfort Retrieval ¹	Back Shoulder, Dual Locking Quick-Connect, Dual Locking Quick-Connect	1402145	1402146	1402147	1402148

¹ Available in 2X-Large.

² Available in 3X-Large.

³ Available in X-Small.

⁴ Includes Weight Distribution System (WDS).

3M™ DBI-SALA® ExoFit™ X300 Safety Harnesses

Gear up with confidence, quality, and performance.

General Industry



Construction



Construction
Weight Distribution



Wind Energy



Telecommunications



Harness Style	Configuration (D-ring(s), Leg Buckles, Chest Buckle)	WDS ⁴	Small	Medium	Large	X-Large
General Industry						
Comfort Vest ¹	Back, Tongue Buckle, Auto-Locking Quick-Connect		1140127	1140128	1140129	1140130
Comfort Vest ^{1,2,3}	Back, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113001	1113004	1113007	1113010
Comfort Vest Climbing ¹	Back Front, Tongue Buckle, Auto-Locking Quick-Connect		1403006	1403007	1403008	1403009
Comfort Vest Climbing ^{1,3}	Back Front, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113031	1113034	1113037	1113040
Comfort Vest Positioning ^{1,3}	Back Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113046	1113049	1113052	1113055
Comfort Vest Positioning ¹	Back Hip, Tongue Buckle, Auto-Locking Quick-Connect		1403011	1403012	1403013	1403014
Comfort Vest Climbing/Positioning ^{1,3}	Back Front Hip, Tongue Buckle, Auto-Locking Quick-Connect		1403017	1403018	1403019	1403020
Comfort Vest Climbing/Positioning ^{1,2,3}	Back Front Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113076	1113079	1113082	1113085
Construction						
Comfort Construction Positioning ^{1,3}	Back Hip, Tongue Buckle, Auto-Locking Quick-Connect		1140181	1140182	1140183	1140184
Comfort Construction Positioning ^{1,3}	Back Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113121	1113124	1113127	1113130
Comfort Construction Climbing/Positioning ^{1,3}	Back Front Hip, Tongue Buckle, Auto-Locking Quick-Connect		1140187	1140188	1140189	1140190
Comfort Construction Climbing/Positioning ^{1,3}	Back Front Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113151	1113154	1113157	1113160
Comfort Construction Positioning ^{1,4}	Back Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect	X	1403098	1403099	1403100	1403101
Comfort Construction Positioning ^{1,4}	Back Hip, Tongue Buckle, Auto-Locking Quick-Connect	X	1403088	1403089	1403090	1403091
Comfort Construction Climbing/Positioning ^{1,4}	Back Front Hip, Tongue Buckle, Auto-Locking Quick-Connect	X	1403093	1403094	1403095	1403096
Comfort Construction Climbing/Positioning ^{1,4}	Back Front Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect	X	1403103	1403104	1403105	1403106
Wind Energy						
Comfort Wind Energy Climbing/Positioning ¹	Back Front Hip, Tongue Buckle, Quick-Connect		1113175	1113176	1113177	1113178
Comfort Wind Energy Climbing/Positioning ¹	Back Front Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113210	1113211	1113212	1113213
Comfort Wind Energy Climbing/Positioning ¹	Back Front Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113215	1113216	1113217	1113218
Comfort Wind Energy Climbing/Positioning ¹	Back Front Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113449	1113450	1113451	1113452
Oil and Gas						
Comfort Oil and Gas Climbing ¹	Back Front, Tongue Buckle, Auto-Locking Quick-Connect		1113290	1113291	1113292	1113293
Comfort Oil and Gas Climbing ¹	Back Front, Tongue Buckle, Pass-Through		1113305	1113306	1113307	1113308
Telecommunications						
Comfort Telecom Climbing/Positioning ¹	Back Front Hip, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113190	1113191	1113192	1113193
Comfort Telecom Climbing/Positioning ¹	Back Front Hip, Tongue Buckle, Auto-Locking Quick-Connect		1113375	1113376	1113377	1113378
Retrieval						
Comfort Retrieval ¹	Back Shoulder, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113061	1113064	1113067	1113070
Mining						
Comfort Mining ¹	Back Front Hip Shoulder, Auto-Locking Quick-Connect, Auto-Locking Quick-Connect		1113195	1113196	1113197	1113199

Belts, Workseats and Accessories



3M™ DBI-SALA® Suspension Trauma Safety Straps

Relief. It can make a big difference when you're suspended in your safety harness. It's why every worker should be equipped with suspension trauma safety straps. They deploy and hook together, allowing a suspended worker to stand up in their harness with one or both feet to relieve downward pressure. They're compact, lightweight and compatible with most harness brands in the field.



Description	Universal
Suspension trauma safety straps, one pair, connects to most harnesses	9501403
Flame-resistant suspension trauma safety straps, one pair, connects to most harnesses	9505712

3M™ DBI-SALA® Harness and Lanyard Bag



Description	Universal
3M™ DBI-SALA® Bag 7-½" wide x 6-½" deep x 15-½" long (19 cm x 16.5 cm x 39.4 cm), holds a harness and lanyard or 50 ft (15.2 m) of ¾" (0.6 cm) rope	9511597

3M™ DBI-SALA® Fall Protection Accessories

Description	Image	Universal
Weight distribution back bars.		1150530 (XS-M) 1150531 (L-3XL)
Attachment breakaway lanyard keeper plastic ring with Velcro used to “park” lanyard when not in use. Qty. 2.		1150443
D-ring Extension with D-ring at one end, snap hook at other x 18" (46 cm).		1231117
3M™ DBI-SALA® Delta™ Comfort Pad attaches to most harnesses to provide wrap-around comfort.		9501207
3M™ DBI-SALA® ExoFit X100 Leg Pad Kit hook-to-loop attachment		1150528
3M™ DBI-SALA® ExoFitX100 Shoulder Pad hook-to-loop attachment		9515281

B

Full-Body Harnesses

3M™ DBI-SALA® ExoFit™ STRATA™ Full-Body Harnesses

Lighten up with the first harness to feature an innovative load distribution system that literally takes the weight off your shoulders.

- Patented design redistributes weight off wearer’s shoulders.
- Lightweight aluminum D-rings.
- Easy-linking SRL adapter & standup D-ring simplify connections.
- Mesh padding enhances breathability and comfort.
- Revolving adjusters maintain fit and lock excess webbing in place.
- 420 lb. capacity (Model shown #1112538).
- Quick-connecting buckles enhance adjust-ability.



Triple Action Buckle



Tongue Buckle



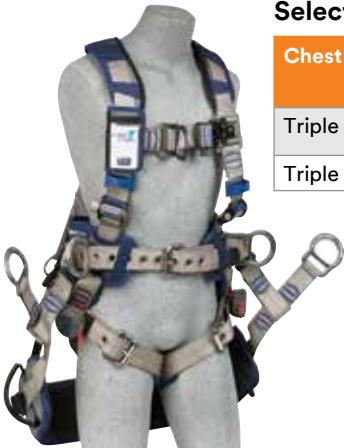
Quick Connect Buckle

3M™ DBI-SALA® ExoFit™ STRATA™ Tower-Climbing Harnesses

These harnesses feature a special removable seat sling used for tower work.

Selection guide:

Chest Buckle	Leg Buckles	D-rings (Back, Hips, Chest, Shoulder)	Small	Medium	Large	XLarge
Triple Action	Triple Action	1B, 1C	1112580	1112581	1112582	1112583
Triple Action	Tongue Buckle	1B, 1C, 2H	1112585	1112586	1112587	1112588



1112588

3M™ DBI-SALA® ExoFit™ STRATA™

Construction-Style Harnesses



1112538

Selection guide:

Chest Buckle	Leg Buckles	D-rings (Back, Hips, Chest, Shoulder)	Small	Medium	Large	XLarge
Quick Connect	Quick Connect	1B, 2H	1112500	1112501	1112502	1112503
Triple Action	Triple Action	1B, 2H	1112535	1112536	1112537	1112538
Triple Action	Triple Action	1B, 1C, 2H	1112540	1112541	1112542	1112543
Triple Action	Triple Action	1B, 1C, 2H, 2S	1112545	1112546	1112547	1112548
Quick Connect	Quick Connect	1B, 2H	1112550	1112551	1112552	1112553
Quick Connect	Quick Connect	1B, 1C	1112555	1112556	1112557	1112558
Quick Connect	Quick Connect	1B, 1C, 2H, 2S	1112560	1112561	1112562	1112563
Triple Action	Tongue Buckle	1B, 2H	1112565	1112566	1112567	1112568
Triple Action	Tongue Buckle	1B, 1C	1112570	1112571	1112572	1112573
Triple Action	Tongue Buckle	1B, 1C, 2H, 2S	1112575	1112576	1112577	1112578
Triple Action	Triple Action	1B	1112665	1112666	1112667	1112668
Triple Action	Tongue Buckle	1B	1112670	1112671	1112672	1112673
Triple Action	Triple Action	1B, 1C, 2H	1112679	—	—	—
Triple Action	Triple Action	1B, 1C, 2H	1114082	1114083	1114084	1114085

3M™ DBI-SALA® ExoFit™ STRATA™

Vest-Style Harnesses

These harnesses include the same great features of the ExoFit™ STRATA™ without the integrated load distribution system.



1112483

Selection guide:

Chest Buckle	Leg Buckles	D-rings (Back, Hips, Chest, Shoulder)	Small	Medium	Large	XLarge
Triple Action	Triple Action	1B	1112475	1112476	1112477	1112478
Triple Action	Triple Action	1B, 2H	1112480	1112481	1112482	1112483
Triple Action	Triple Action	1B, 1C	1112485	1112486	1112487	1112488
Triple Action	Triple Action	1B, 1C, 2H	1112490	1112491	1112492	1112493
Quick Connect	Quick Connect	1B	1112495	1112496	1112497	1112498
Quick Connect	Quick Connect	1B, 1C	1112505	1112506	1112507	1112508
Quick Connect	Quick Connect	1B, 1C, 2H	1112510	1112511	1112512	1112513
Triple Action	Tongue Buckle	1B	1112515	1112516	1112517	1112518
Triple Action	Tongue Buckle	1B, 2H	1112520	1112521	1112522	1112523
Triple Action	Tongue Buckle	1B, 1C	1112525	1112526	1112527	1112528
Triple Action	Tongue Buckle	1B, 1C, 2H	1112530	1112531	1112532	1112533
Triple Action	Tongue Action	1B, 1C, 2H, 2S	1114086	1114087	1114088	1114089

Harnesses

3M™ DBI-SALA® ExoFit™ STRATA™

Construction-Style Harnesses



Description	Small	Medium	Large	XLarge
Tri-Lock Revolver™ Buckles, back and side D-rings	1112535	1112536	1112537	1112537
Duo-Lok™ Quick-Connect Buckles, back and side D-rings	1112550	1112551	1112552	1112553
Tri-Lock Revolver™ Buckles, back, front and side D-rings	1112540	1112541	1112542	1112553
Tongue buckle leg straps, back and side D-rings	1112565	1112566	1112567	1112568

3M™ DBI-SALA® ExoFit™ STRATA™

Tower-Climbing Harnesses



Description	Small	Medium	Large	XLarge
Tri-Lock Revolver Buckles, aluminum front, back and side D-rings, removable seat sling with positioning D-rings	1112580	1112581	1112582	1112583
Tongue buckle leg straps, aluminum front, back and side D-rings, removable seat sling with positioning D-rings	1112585	1112586	1112587	1112588

3M™ DBI-SALA® ExoFit™ STRATA™

Vest-Style Harnesses without LIFTech™ Technology



Description	Small	Medium	Large	XLarge	2X
Aluminum back D-rings, Tri-Lock Revolver™ Quick-Connect Buckles, comfort padding	1112475	1112476	1112477	1112478	1112479
Positioning Harness. Aluminum back and side D-rings, Tri-Lock Revolver™ Quick-Connect Buckles, comfort padding	1112480	1112481	1112482	1112483	1112484
Climbing Harness. Aluminum back, front and side D-rings, tongue buckle leg straps, Tri-Lock Revolver™ chest strap, comfort padding	1112530	1112531	1112532	1112533	1112534
Aluminum back, front, and side D-rings, Tri-Lock Revolver™ Quick-Connect Buckles, comfort padding	1112490	1112491	1112492	1112493	1112494
Aluminum back and side D-rings, tongue buckle leg straps, Tri-Lock Revolver™ chest strap, comfort padding	1112520	1112521	1112522	1112523	1112524
Aluminum back and side D-rings, Duo-Lok™ Quick-Connect Buckles, comfort padding	1112500	1112501	1112502	1112503	1112504

3M™ DBI-SALA® ExoFit™ NEX/ExoFit™ NEX Plus

Crossover-Style Harnesses



A front-mounted D-ring makes the crossover-style ideal as a rescue harness and for ladder climbing applications.

Description	Small	Medium	Large	XLarge
Aluminum front and back D-rings, locking quick-connect buckles	1113091	1113094	1113097	1113100
Aluminum front, back and side D-rings, locking quick-connect buckles	1140199	1140200	1140201	1140202

3M™ DBI-SALA® ExoFit™ NEX/ExoFit™ NEX Plus

Rope Access and Rescue Harnesses



Complex jobs are easier when your equipment is suited to the task. These multi-use harnesses incorporate components and hardware to optimize rope rescue and industrial rope access work. This makes them ideal for the professional performing rescue and emergency services, industrial rope access and rigging, wind energy and tower maintenance — as well as for arborist activities.

Description	Small	Medium	Large	XLarge
REPEL Technology Webbing, Tech-Lite™ Aluminum Front, Back and Side D-rings, Duo-Lok™ Quick-Connect Buckles and hybrid comfort padding	1113345	1113346	1113347	1113348
REPEL Technology Webbing, Tech-Lite™ Aluminum Front, Back and Side D-rings, Duo-Lok™ Quick-Connect Buckles and hybrid comfort padding	1113370	1113371	1113372	1113373

3M™ DBI-SALA® ExoFit™

Crossover-Style Harnesses



A front-mounted D-ring makes the crossover-style ideal for ladder climbing and rescue applications.

Description	Small	Medium	Large	XLarge
Front and back D-rings, loops for belt, quick-connect buckles	1402156	1402157	1402158	1402159
Front, back and side D-rings, loops for belt, quick-connect buckles	1402161	1402162	1402163	1402164

Harnesses

3M™ DBI-SALA® ExoFit™ NEX Arc Flash

Vest-Style Full-Body Harnesses



Description	Small	Medium	Large	XLarge
Nomex®/Kevlar® fiber web, PVC coated aluminum back D-ring, locking quick-connect buckles, comfort padding	1103085	1103086	1103087	1103088
Nomex®/Kevlar® fiber web, PVC coated aluminum back and side D-rings, locking quick-connect buckles, comfort padding	1103070	1103071	1103072	1103073
Nomex®/Kevlar® fiber web, dorsal web loop and front rescue loops, locking quick-connect buckles, comfort padding	1113325	1113326	1113327	1113328
Nomex®/Kevlar® fiber web, PVC coated aluminum front, back and side D-rings, locking quick-connect buckles, comfort padding	1113330	1113331	1113332	1113333

3M™ DBI-SALA® ExoFit™ NEX Arc Flash

Construction-Style Harnesses

With integrated hip pad and body belt, these harnesses have excellent tool-carrying capabilities, allow work positioning and provide added back support.

Description	Small	Medium	Large	XLarge
Nomex®/Kevlar® fiber web, PVC coated aluminum back and side D-rings, locking quick-connect buckles, sewn-in hip pad and belt, comfort padding	1113315	1113316	1113317	1113318

3M™ DBI-SALA® Delta™

Construction-Style Harnesses



Made for general construction work, these harnesses have tool-carrying capability, a sewn-in hip pad and removable body belt.

Description	Small	Medium	Large	XLarge	Universal
Back and side D-rings, quick-connect buckle legs and chest strap, belt with sewn-in back pad	1110575	1110576	1110577	1110578	–
Vest-style, back and side D-rings, belt with sewn-in back and shoulder pads, tongue buckle leg straps	1102201	1101654	1101655	1101656	–
Front, back and side D-rings, belt and hip pad, tongue buckle leg	1107805	1107802	1107801	1107809	–

3M™ DBI-SALA® Delta™ Vest-Style Harnesses

Vest-style harnesses are widely used, with multiple configurations and connection point options. They're used across a wide variety of industries.



1102000

Selection guide:

Chest Buckle	Leg Buckles	D-rings (Back, Hips, Chest, Shoulder)	Universal Size
Pass-Through	Pass-Through	1B, 2S	1101781
Pass-Through	Tongue Buckle	1B, 2S	1101254
Quick Connect	Quick Connect	1B, 2S	1110602
Pass-Through	Tongue Buckle	1B	1102000
Quick Connect	Quick Connect	1B	1110600
Pass-Through	Pass-Through	1B	1103321
Pass-Through	Tongue Buckle	1B, 2H	1102008
Quick Connect	Quick Connect	1B, 2H	1110625
Pass-Through	Pass-Through	1B, 2H	1103875
Quick Connect	Quick Connect	1B, 1C	1102090
Pass-Through	Tongue Buckle	1B, 1C	1107807
Pass-Through	Pass-Through	1B, 1C	1112126
Quick-Connect	Tongue Buckle	1B	1112052
Quick Connect	Pass-Through	1B, Conductive-resistant hardware	1104725

3M™ DBI-SALA® Delta™ Arc Flash Harnesses

Tested to perform in accordance with the stringent ASTM F887 Standard Specification for Personal Climbing Equipment. Features 7,000 lb. nylon web and leather insulators.



1110782

Selection guide:

Chest Buckle	Leg Buckles	Web Loop (Back, Front)	Small	Medium	Large	XLarge
N/A	Pass-Through	1B, 1F	1110754	1110750	1110751	1110752
Quick Connect	Quick Connect	1B, 2F	1110788	1110780	1110781	1110782
Quick Connect	Tongue Buckle	1B, 2F	1110773	1110774	N/A	N/A
Harness Type	Chest Buckle	Leg Buckles	D-rings (Back, Hips, Chest)			Universal Size
Standard	Pass-Through	Pass-Through	1B			1110830
Vest	Quick Connect	Quick Connect	Back Loop			1110820
Crossover	Pass-Through	Pass-Through	1B, 1C, 2H			1110940

1150058

3M™ DBI-SALA® Delta™ Arc Flash Kit

Includes 1110752 Delta Arc Flash Nylon Harness with web loop and Arc Flash Shock-Absorbing Lanyard, 6 ft. (1246305), with bag. (XLarge)

1150054 Kit with Large harness (1110752)



Harnesses

3M™ DBI-SALA® Delta™ Vest

Hi-Vis Reflective and Non-Reflective Workvest Harnesses



Safety is a top priority any time of day. That's why our sleeveless waist-length vests feature a built-in harness for high visibility while working at-height, day or night. They meet CSA Z259.10 for high visibility vests.

Description	Universal
High visibility yellow workvest-style harness, reflective, back D-ring, tongue buckle legs	1107420
High visibility orange workvest-style harness, reflective, back D-ring, tongue buckle legs	1107404
Blue cotton workvest-style harness, non-reflective, back D-ring, tongue buckle legs	1107416

3M™ DBI-SALA® Delta™

Harnesses for Hot Work Use



Featuring heat-resistant and flame-retardant Nomex®/Kevlar® fiber webbing.

Description	Universal
Vest-style, with Nomex®/Kevlar® fiber web, back D-ring, pass-through buckle leg straps, loops for belt	1105475
Crossover-style, front, back and side D-rings, with Nomex®/Kevlar® fiber web, pass-through buckle leg straps, loops for belt	1104775
Vest-style, back D-ring, with Nomex®/Kevlar® fiber web, pass-through buckle leg straps, loops for belt	1104625

Delta™ Resist

Webbing Harness



Protect against grease, oil, dirt and grime with integrated Resist Technology (polyurethane coated webbing).

Description	Universal
Vest-style, back D-ring, tongue buckle legs	1110990

Delta™ Harnesses feature detachable shoulder padding (not shown).

Belts, Workseats and Accessories

3M™ DBI-SALA® Workseats

Bosun Chair



Description	Universal
Bosun chair, 12" x 24" x 1" (30.5 cm x 61 cm x 2.5 cm) board, cushion and side snaps	1001190
Bosun chair only, 12" x 24" x 1" (30.5 cm x 61 cm x 2.5 cm) board	1001140

3M™ DBI-SALA®

Tongue Buckle Belts



Description	Small	Medium	Large	XLarge
Tongue buckle belt with side D-rings, 3" (7.6 cm) pad	1000022	1000023	1000024	1000025
Delta™ Tongue Buckle Belt with no D-ring and no pad	1000052	1000053	1000054	1000055
Tongue buckle belt with back D-ring, 3" (7.6 cm) pad	1000002	1000003	1000004	1000005
Tongue buckle belt with floating D-ring, no pad	1000162	1000163	1000164	1000165
ExoFit™ Tongue Buckle Belt with no D-ring, no pad	1000708	1000709	1000716	1000717

3M™ DBI-SALA®

Lineman Belts

Achieve comfort, freedom of movement and ease of use with our ergonomically designed belts.



3M™ DBI-SALA® ExoFit NEX™ Arc Flash Full-Body Harnesses

All the comfort, function and durability you expect, paired with the flame resistance and conductive-resistant construction needed for high voltage electricity or hot-work, like welding. Meets arc flash standard specifications for personal climbing equipment as well as ANSI/ASSP Z359.11 and CSA Z259.10 requirements.

- Flame-resistant Nomex®/Kevlar® webbing rated to 7,000 lbs.
- Revolving adjusters maintain fit and lock excess webbing in place.
- Flame-resistant trauma straps.
- Conductive-resistant, PVC-coated aluminum D-rings.
- Leather insulators help prevent contact between hardware and body.
- Comfortable, lightweight arc flash-rated padding and soft edging.
- Quick-connecting buckles enhance productivity.
- Tested to perform to ASTM F887 for personal climbing equipment.
- 420 lb. capacity (Model shown 1113318).



3M™ DBI-SALA® ExoFit NEX™ Arc Flash Vest-Style Full-Body Harnesses

These harnesses feature Nomex®/Kevlar® fiber webbing, PVC coated D-rings and comfort padding.

Selection guide:

Harness Type	Chest Buckle	Leg Buckles	D-rings (Back, Hips, Chest, Shoulder)	Small	Medium	Large	XLarge
Standard	Quick Connect	Quick Connect	1B	1103085	1103086	1103087	1103088
Standard	Pass-Through	Pass-Through	1B	1113335	1113336	1113337	1113338
Positioning	Quick Connect	Quick Connect	1B, 2H	1103070	1103071	1103072	1103073
Rescue	Quick Connect	Quick Connect	1B Loop, 2C Loops	1113325	1113326	1113327	1113328
Climbing	Quick Connect	Quick Connect	1B, 1C, 2H	1113330	1113331	1113332	1113333
Construction	Quick Connect	Quick Connect	1B, 1C, 2H	1113490	1113492	1113491	1113493



1113493

3M™ DBI-SALA® ExoFit NEX™ Arc Flash

Construction-Style Harnesses

With an integrated hip pad and body belt, these harnesses have excellent tool-carrying capabilities and allow work positioning.

Selection guide:



1113369

Harness Type	Chest Buckle	Leg Buckles	D-rings (Back, Hips, Chest, Shoulder)	Small	Medium	Large	XLarge
Construction	Quick Connect	Quick Connect	1B, 2H	1113315	1113316	1113317	1113318
Tower Climbing AFK	Quick Connect	Quick Connect	1B Loop, 1C, 2H, Seat Sling	1113357	1113358	1113368	1113369

3M™ DBI-SALA® ExoFit NEX™ Arc Flash

Full-Body Harnesses



1113692

Selection guide:

Harness Type	Chest Buckle	Leg Buckles	D-rings (Back, Hips, Chest, Shoulder)	Small	Medium	Large	XLarge
Rope Access/Rescue	Quick Connect	Quick Connect	1B, 2H	1113761	1113762	1113763	1113764
Rope Access/Rescue	Quick Connect	Quick Connect	1B, 2H	1113757	1113758	1113759	1113760
Lineman with 2D Belt	Quick Connect	Quick Connect	1B, 2H	1113676	1113682	1113688	1113692



1113760



1113764



1113786

For Lineman Belts and Harnesses, see page 62.

Lineman Belts and Harnesses

3M™ DBI-SALA® 4D Lineman Belts

Innovative design keeps the center of gravity at the top of the belt for improved safety and optimal comfort.

- 1 Leather construction
- 2 Connections to S-shaped, full floating D-rings
- 3 3M™ DBI-SALA® Cynch-Lok™ Fall-Restricting Device compatible (see 92)
- 4 Distributes weight throughout the contoured, reinforced seat
- 5 Adjustable tongue buckle belt of nylon construction



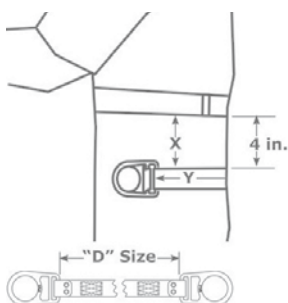
3M™ DBI-SALA® 2D Lineman Belts



2D Belt		4D Belt	
D Size	SKU	D Size	SKU
D18	1001379	D18	1001392
D19	1001380	D19	1001393
D20	1001381	D20	1001394
D21	1001382	D21	1001395
D22	1001383	D22	1001396
D23	1001384	D23	1001397
D24	1001385	D24	1001398
D25	1001386	D25	1001399
D26	1001387	D26	1001400
D27	1001388	D27	1001401
D28	1001389	D28	1001402
D29	1001390	D29	1001403
D30	1001391	D30	1001404

D Size (in.)	Belt Sizing (in.)		
	Minimum	Center Hole	Maximum
D18	32	36	40
D19	33	37	41
D20	34	38	42
D21	36	40	44
D22	37	41	45
D23	38	42	46
D24	40	44	48
D25	41	45	49
D26	42	46	50
D27	44	48	52
D28	45	49	53
D29	46	50	54
D30	47	51	55

ExoFit NEX™ Arc Flash Harness with 2D Belt				
Small	1113675 – D20	1113676 – D21	1113677 – D22	1113678 – D23
Medium	1113681 – D22	1113682 – D23	1113683 – D24	1113684 – D25
Large	1113688 – D25	1113689 – D26	1113690 – D27	–
XLarge	1113691 – D25	1113692 – D26	1113693 – D27	–



Where to measure to determine the correct "D" size for a Lineman's Belt:

X = Distance from waist or top of hip bone to where Lineman's Belt is worn.

Y = Measurement is from front of hip bone around the back to the front of the other hip bone. This measurement is the "D" size.

Understanding leading and sharp edges



The smaller the edge radius, the sharper the edge.

Sharp edges are found in many leading edge applications where the edge is able to cut or damage a traditional lifeline upon contact. Typical I-beams have edge radii that range from .005 in. to .032 in. Do you know how sharp your edges are?



Leading Edge

To visualize a leading edge, imagine a worker installing steel decking on a new building. Now imagine the worker's fall protection system is anchored at foot-level behind him. As the worker moves out and away from the anchor point while installing the decking, the worker is exposed to a potential fall over the edge of the building or the edge of an elevated platform.

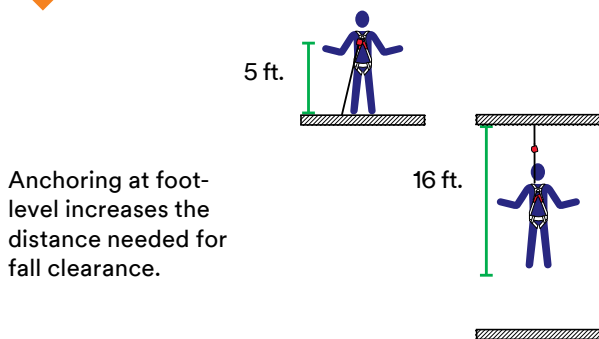


Sharp Edge

A sharp edge is one that, for practical purposes, is not rounded and has the potential to cut most types of lifelines. The ANSI Z359.14 standard for sharp edges, for example, involves testing the fall arrest device's lifeline over a piece of steel bar with a radius of no more than 0.005 in. (5 one thousands of an inch). If the lifeline is cut or severely damaged, the device fails the test and does not comply with ANSI.

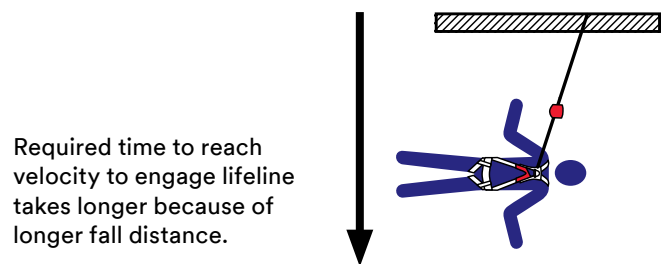
Unique risks of leading and sharp edges:

1. Increased fall distance



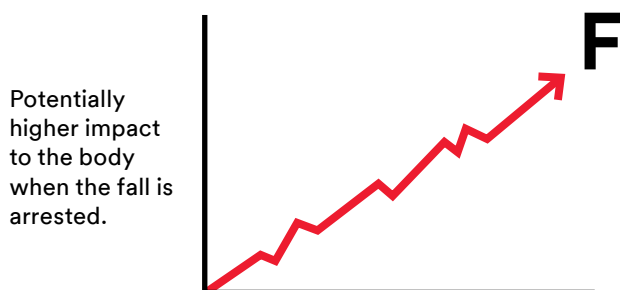
When workers are attached at foot-level, as they often are in leading edge applications, they will fall farther than they would if they were anchored at shoulder height or above. The required clearance when anchored at foot-level varies by product so make sure to reference the products' user instructions.

2. Lock-up speed



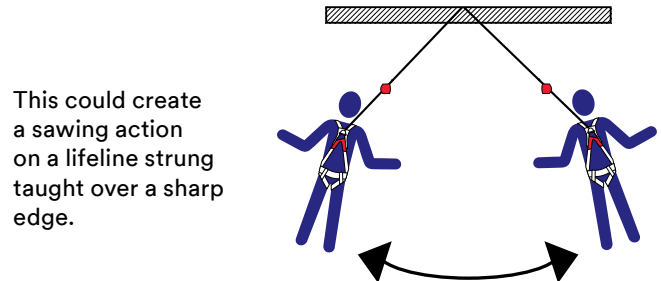
Self-retracting lifelines react to a fall when the lifeline accelerates out of the housing at a certain velocity. When self-retracting lifelines are anchored at foot-level, the lifeline does not achieve the required acceleration during a fall until after the user's D-ring passes over the leading edge and below the level of the anchor. This means the user has already fallen approximately 5 feet before the self-retracting lifeline device will engage to arrest the fall.

3. Increased fall arrest forces



Falling further means the impact on the body through the fall protection system will potentially be greater when the fall is arrested. This is why leading edge and sharp edge rated products contain additional energy-absorbing devices.

4. Increased potential for swing hazards



Depending on a worker's position during a fall, they may swing like a pendulum after the fall is arrested. While swinging is a hazard under any circumstances, the danger is compounded if the worker's lifeline is strung taut over a sharp edge and saws back and forth across that edge.

Leading Edge Self-Retracting Lifelines

3M™ DBI-SALA® Smart Lock Leading Edge SRL and Modular Connector

3M testing shows that back D-ring extenders used with standard leading edge SRLs in leading or sharp edge applications could create the potential for a system component to be severed, but not anymore. The Smart Lock Leading Edge SRL is engineered to address this risk and allows for use of a 14 in. modular extension in leading or sharp edge applications.



- Integrated onto existing 3M™ DBI-SALA® Smart Lock Leading Edge SRL (30 ft.)
- Engineered to address risk of use for D-ring extensions in Leading Edge applications.
- Allows for use of 14 in. extension.
- Addresses durability constraints with replaceable shock-pack extender.
- Meets ANSI Z359.14.

Application	Part #	Length	Lifeline Material
Leading Edge SRL with D-ring extension	3503848*	30'	Galvanized Steel
Modular D-ring extension	1246500	14"	—

**D-ring extensions can only be used with these models.*



C Leading Edge Connectors



Leading Edge Self-Retracting Lifelines

3M™ DBI-SALA® Ultra-Lok™ Leading Edge Self-Retracting Lifelines

This line of retractables includes lengths from 15 ft. to 55 ft. is approved for leading edge work and foot-level tie-off.

- Top swivel limits lifeline twisting.
- Thermoplastic housing.
- Ergonomic cable handle provides added comfort and ease-of-use when making connections.
- Self-locking swivel hook limits lifeline twisting.
- Impact indicator provides visual indication of fall arrest.
- 3,600 lb. gate reduces chances of accidental disengagement (“roll-out”).
- Stainless steel components and anti-ratcheting brake system.

Application	Part #	Length	Lifeline Material
Horizontal (Leading Edge)	3504422	15'	Galvanized Steel
	3504500	30'	Galvanized Steel
	3504600	55'	Galvanized Steel



3M™ DBI-SALA® Smart Lock Leading Edge Self-Retracting Lifelines

The 3M™ DBI-SALA® Smart Lock Self-Retracting Lifeline is designed to help increase your productivity and convenience. Significant internal testing was completed to make this product work while reducing the unintentional lockups.

Compared to our existing devices, the new Smart Lock SRL locked up 29% less when tested against 422 work motion profiles.

- Swiveling anchorage and carabiner.
- Built-in handle.
- Magnetic retraction control
- Patent pending dual label system.
- Highly-visible orange energy-absorber cover.



Application	Part #	Length	Lifeline Material
Horizontal (Leading Edge)	3503802	20'	Galvanized Steel
	3503822	30'	Galvanized Steel

Leading Edge Self-Retracting Lifelines

3M™ DBI-SALA® Nano-Lok™ Edge Self-Retracting Lifeline

- Connector provides 360 degrees of rotation and leaves the D-ring open for rescue or other equipment.
- Impact-resistant housing provides durability.
- Global sharp edge icon makes identification of sharp edge product quick and easy.
- 8 ft. (2.4 m) of 3/16 in. (5 mm) galvanized cable lifeline.
- Backpack design stays tight to the harness and helps evenly distribute the unit's weights.
- Backpack-style energy absorber and connector work together to help limit forces on both the worker and the impacted edge.



Selection guide:



Lifeline hook									SRL	
	Tie-back*	Aluminum Rebar Lock Hook	Steel Rebar Lock Hook	Aluminum Rebar Hook	Steel Rebar Hook	Steel Snap Hook	Steel Swivel Snap Hook	Aluminum Captive Carabiner	Aluminum Snap Hook	Part #
Twin Leg	■									3500228
		■								3500231
			■							3500227
				■						3500249
					■					3500246
						■				3500225
							■			3500226
								■		3500229
Single Leg									■	3500230
	■									3500213
		■								3500216
			■							3500212
				■						3500247
					■					3500248
						■				3500210
							■			3500211
								■		3500214
									■	3500215

*All versions are 8 ft. in length except tie-back models. Tie-back versions are 9 ft.

3M DBI-SALA® Anchors for Leading Edge Applications

Anchors Commonly Used in Leading Edge Applications. Compatible with all versions of Ultra-Lok Leading Edge SRL's (15 ft., 30 ft., 55 ft.) and all Smart Lock Leading Edge SRL's (20 ft. & 30 ft.)



2190073

Standing Seam Roof Anchor

- Installs to flat or sloped roofs, providing an SRL anchorage point.
- Four built-in non-penetrating clamps allow for attachment without damaging the roof.
- Slide on the tube legs fit a variety of seam spacings up to 36 in.



2190074

Construction Roof Anchor

- Installs to rebar ring during pre-cast concrete work utilizing built-in ratcheting securement system—no special tools required.
- Dual-use design allows for use as end anchors for a 2-person temporary 3M™ DBI-SALA® Horizontal Lifeline System.
- For use with 3M™ DBI-SALA® Smart Lock SRL (Sold Separately).



2190071

Swiveling Roof Anchor

- Installs to a variety of sloped or flat wood and metal decking roofs to provide an anchorage point for an SRL or a tie-off point.
- Install with included fastener kit: 16 ea. 1/4-14 × 2-1/2 in. self-tapping screws for steel installation and 8 ea. 1/4 × 2-1/2 in. lag screws for wood.
- Secondary D-ring anchor allows for tie-off with lanyard or install a Horizontal Lifeline between two anchors.

3M™ DBI-SALA® Nano-Lok™ Self-Retracting Lifelines



C Personal Self-Retracting Lifelines



3100483

Dual-Pin style
SRL Connector
(optional)

Light on weight. Heavy on features.

Introducing the new 3M™ DBI-SALA® Nano-Lok™ Personal Self-Retracting Lifeline. Our latest version doesn't just match the performance of the outgoing model—it surpasses it and then some. It's sleeker with a more compact design. It's tougher with a longer lasting cover. It's easier and faster to connect.* All while complying with OSHA's 1910.140 General Industry 4 ft. fall protection rule and ANSI Z359.14 Class A & B standards.

- 900 lb. average arresting force
- 1,350 lb. maximum arresting force
- Installs 60% faster*
- Inspect easily and quickly
- Nitrile rubber cover lasts 4X longer than outgoing mode
- 4 ft. overhead fall clearance per OSHA 1910 General Industry
- ANSI Class A/B units arrest falls within 24" and limit average arresting forces to 900 lbs.
- Knee-level or higher tie-off
- 310 lb. capacity

**Compared to previous generation.*



3M™ DBI-SALA® Nano-Lok™ Personal Self-Retracting Lifelines



3101215
Nano-Lok™
Self-Retracting
Lifeline
With Steel Snap
Hook and Steel
Carabiner x 6 ft.
(1.8 m)



3101228
Nano-Lok™
Self-Retracting
Lifeline
With Steel Snap Hook
and Single-Leg Quick
Connector x 6 ft. (1.8 m)



3101225
Nano-Lok™
Self-Retracting
Lifeline
With Aluminum
Carabiner (Captive
Eye) and Single-Leg
Quick Connector
x 6 ft. (1.8 m)



3101229
Nano-Lok™
Self-Retracting
Lifeline
With Single-Leg
Quick Connector and
Steel Rebar Hook
x 6 ft. (1.8 m)

3M™ DBI-SALA® Nano-Lok™ Twin-Leg Self-Retracting Lifelines



3101280
Nano-Lok™ Twin-Leg
Self-Retracting
Lifeline
With Steel Rebar Snap
Hooks and Quick
Connector x 6 ft. (1.8 m)



3101277
Nano-Lok™ Twin-Leg
Self-Retracting
Lifeline
With Twin-Leg Quick
Connector and two
Aluminum Rebar Hooks
x 6 ft. (1.8 m)



3101473
Nano-Lok™ Twin-Leg
Self-Retracting
Lifeline
With two Aluminum
Locking Rebar Hooks
x 6 ft. (1.8 m)



3101279
Nano-Lok™ Twin-Leg
Self-Retracting
Lifeline
With two Steel Snap
Hooks and Twin-Leg
Connector x 6 ft. (1.8 m)

3M™ DBI-SALA® Nano-Lok™ Personal Self-Retracting Lifelines

Connector Options

		Anchorage Type				Lifeline Hook Options								Part Number
Gate Opening	Gate Strength	NEW Nano-Lok™ Single Pin Connector 3100480	Steel Carabiner 2000112	Aluminum Carabiner 2000025	No Connector Included									
						Steel Snap Hook	Aluminum Snap Hook	Aluminum Captive Eye Carabiner	Aluminum Rebar Hook	Flat Steel Rebar Hook	Aluminum Rebar Hook with Locking Nose	Steel Rebar Hook with Locking Nose	Comfort Grip Hook	
						3/4 in. (19 mm)	3/4 in. (19 mm)	3/4 in. (19 mm)	2-1/4 in. (57 mm)	2-1/2 in. (62.5 mm)	2-1/2 in. (62.5 mm)	2-1/2 in. (62.5 mm)	2-1/4 in. (57 mm)	
						3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	
ANSI Class A/B	Single Leg	■				■								3101228
		■					■							3101226
		■						■						3101225
		■							■					3101227
		■								■				3101229
		■									■			3101468
		■										■		3101344
		■											■	3101666
			■			■								3101215
				■			■							3101214
				■				■						3101235
				■					■					3101236
			■							■				3101217
				■							■			3101469
					■	■								3101252
					■		■							3101210
					■			■						3101211
					■				■					3101254
					■					■				3101250
					■								■	3101673
	Twin Leg	■				■								3101279
		■					■							3101276
		■						■						3101278
		■							■					3101277
		■								■				3101280
		■									■			3101473
		■										■		3101471
		■											■	3101663

For ANSI Class B only models, see next page.

C

Personal Self-Retracting Lifelines

3M™ DBI-SALA® Nano-Lok™ Personal Self-Retracting Lifelines, ANSI Class B

What's a Class B SRL?

Like Class A SRLs, these are OSHA 1926.500 subpart M compliant, but they differ in how quickly they stop a fall (within 54 in. or less), and the subsequent average arrest force on the worker (900 lbs.).

- ANSI Class B device utilizes smart activating brake system to provide 89% fewer unintentional lock-ups*
- Lightweight speed connect system reduces connect and disconnect time by up to 60%*
- Durable nitrile rubber energy absorber cover designed to last 4 times longer*
- 6 ft. fall clearance required on Class B SRLs

Connector Options

		Anchorage Type				Lifeline Hook Options								Part Number
														
Gate Opening	Gate Strength	NEW Nano-Lok™ Single Pin Connector 3100480	Steel Carabiner 2000112	Aluminum Carabiner 2000025		3/4 in. (19 mm)	3/4 in. (19 mm)	3/4 in. (19 mm)	2-1/4 in. (57 mm)	2-1/2 in. (62.5 mm)	2-1/2 in. (62.5 mm)	2-1/2 in. (62.5 mm)	2-1/4 in. (57 mm)	
						3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	
ANSI Class B	Single Leg	■				■								3101703
		■						■						3101701
		■							■					3101702
		■								■				3101704
	Twin Leg	■							■					3101705
		■								■				3101706
		■										■		3101707

3101703

Nano-Lok™ Self-Retracting Lifeline, Class B

With single pin quick connector and Steel Snap Hook x 6 ft. (1.8 m)



3101704

Nano-Lok™ Self-Retracting Lifeline, Class B

With single pin quick connector and Steel Rebar Hook x 6 ft. (1.8 m)



3101706

Nano-Lok™ Twin-Leg Self-Retracting Lifeline, Class B

With single pin quick connector and Steel Rebar Hooks x 6 ft. (1.8 m)



3101707

Nano-Lok™ Twin-Leg Self-Retracting Lifeline, Class B

With quick connector and Aluminum Comfort Grip Snap Hooks x 6 ft. (1.8 m)



* Compared to previous generation.

3M™ DBI-SALA® Nano-Lok™ Extended Length Self-Retracting Lifelines

3101582

Nano-Lok™ Extended Length Quick-Connect Self-Retracting Lifeline

With Anchor Hook x 11 ft. (3.35 m)



3101588

Nano-Lok™ Extended Length Order Picker Self-Retracting Lifeline

With Snap Hook x 11 ft. (3.35 m)



3101590

Nano-Lok™ Extended Length Quick-Connect Self-Retracting Lifeline

With Aluminum Rebar Hook x 9 ft. (2.74 m)



3101621

Nano-Lok™ Extended Length Twin-Leg Quick-Connect Self-Retracting Lifeline

With Snap Hook x 11 ft. (3.35 m)



3101624

Nano-Lok™ Extended Length Twin-Leg Quick-Connect Self-Retracting Lifeline

With Aluminum Locking Rebar Hooks x 9 ft. (2.74 m)



3101625

Nano-Lok™ Extended Length Twin-Leg Quick-Connect Self-Retracting Lifeline

With Aluminum Rebar Hooks x 9 ft. (2.74 m)



**Additional Models Available, Contact 3M Fall Protection*

3M™ DBI-SALA® Nano-Lok™ Connected Order Picker Self-Retracting Lifeline

This innovative Fall Protection system senses a worker's presence on an order picking vehicle, verifies their tie-off status, and communicates visual and audible alerts in real time to promote situational awareness and self behavior.

- **Connected Sensor Box**
Overhead unit detects worker's presence on vehicle
- **Connected Aluminum Carabiner**
Sensing carabiner detects if it's connected to worker's harness D-Ring and if the carabiner gate is closed and locked.



3100273

Nano-Lok™ Connected Order



C

Personal Self-Retracting Lifelines

3M™ DBI-SALA® Nano-Lok™ Wrap-Back Self-Retracting Lifelines

Functioning as both a fall protection device and tie-off adapter, it allows safety managers to consolidate multiple equipment capabilities in one versatile solution. The Nano-Lok™ Wrap Back SRL is approved for overhead or foot level tie-off applications.* It connects to beams, rebar walls and other structures that can properly support fall arrest forces—helping protect workers in a wide variety of at-height environments.

- Designed for foot-level anchorage around non-sharp edges
- Wrap back design with specialized Dyneema® web lifeline
- Twin-leg 100% tie-off design
- Built-in pin-style connector for direct attachment to harness
- 8 ft. (2.4 m) of 3/4" (19 mm) wide blue Dyneema® fiber polyester web
- Self-locking snap hook on end of lifeline
- Thermoplastic housing
- Swiveling anchorage loop
- Quick activating speed sensing brake systems
- Integrated backpack style energy absorber
- 3M™ Connected Safety ID (CSID) equipped
- 310 lbs. capacity



3101659
Nano-Lok™
Wrap Back

8 ft. (2.4 m) twin-leg tie-back type lifeline with 3/4 in. (19 mm) wide Dyneema® fiber web and steel rebar hook. Quick connector for harness mounting.

3101658 Single Leg



3101653
Nano-Lok™
Wrap Back

8 ft. (2.4 m) twin-leg tie-back type lifelines with 3/4 in. (19 mm) wide Dyneema® fiber web and tie-back snap hook. Quick connector for harness mounting.

3101654 Single Leg

3M™ DBI-SALA® Nano-Lok™ Arc Flash Self-Retracting Lifelines



Designed specifically for utility applications.

- 8 ft. (2.4 m) working length.
- With Nomex®/Kevlar® fiber web lifeline and reinforced edges for improved wear resistance and durability over standard webbing.
- Features an arc flash industry logo to easily identify the product application.
- Arc flash compliant, tested to 40 cal/cm². Meets ASTM F887.

3101655

Nano-Lok™ for Aerial Work Platforms

4.5 ft. (1.4 m) lifeline with 3/4 in. (19 mm) Nomex®/Kevlar® fiber web and aluminum carabiner. Quick connector for harness mounting.



3101656

Nano-Lok™ for Aerial Work Platforms

3.5 ft. (1.1 m) lifeline with 3/4 in. (19 mm) Nomex®/Kevlar® fiber web and aluminum carabiner, swiveling anchor loop with 13 in. (35 mm) web extension and aluminum snap hook.



3M™ DBI-SALA® Nano-Lok™ Arc Flash Self-Retracting Lifelines



3101526

Nano-Lok™ Arc Flash Self-Retracting Lifeline

3/4 in. (19 mm) Nomex®/Kevlar® fiber webbing and steel snap hook, quick connector for harness mounting x 8 ft. (2.4m).



3101575

Nano-Lok™ Arc Flash Self-Retracting Lifeline

3/4 in. (19 mm) Nomex®/Kevlar® fiber webbing and aluminum carabiner, swiveling anchor loop with 13 in. (33mm) web extension with aluminum snap hook x 8 ft. (2.4m). Best seller for bucket truck applications.



3101536

Nano-Lok™ Arc Flash Twin-Leg Self-Retracting Lifeline

3/4 in. (19 mm) Nomex®/Kevlar® web and steel rebar hooks, quick connector for harness mounting x 8 ft. (2.4m).



3101574

Nano-Lok™ Arc Flash Self-Retracting Lifeline

3/4 in. (19 mm) Nomex®/Kevlar® fiber webbing and web loop, swiveling anchor loop with 13 in. (33mm) web extension with aluminum snap hook x 8 ft. (2.4m).

3M™ DBI-SALA® Nano-Lok™ Arc Flash Self Retracting Lifeline Selection Guide:

	Anchorage type					Lifeline hook								Part Number	
															
8 ft. Single Leg		■				■									3101526
		■					■								3101527
		■						■							3101528
		■							■						3101529
		■								■					3101530
		■									■				3101531
		■										■			3101532
		■		■		■								■	3101533
6 ft. Twin Leg			■			■									3101534
			■				■								3101535
			■					■							3101536
			■						■						3101537
			■							■					3101538
			■								■				3101539
			■									■			3101540
			■											■	3101565
Bucket Truck					■								■		3101574
					■					■					3101575
	■				■					■					3101656
															3101655

3M™ DBI-SALA® Nano-Lok™ for Hot Work Use Self-Retracting Lifelines



This SRL was tested to 8 calories, ensuring durability in applications like welding, grinding and torching. It is reinforced with Kevlar® fiber to withstand sparks, weld splatter and other high-heat exposure.

- 6 ft. (1.8 m) working length.
- Universal hot work icon to quickly and easily identify hot work product.
- 3M™ Connected Safety ID (CSID) equipped.



3101498



3101501

Selection guide:

	Anchorage type			Lifeline hook								Part Number
	Single-Leg Interface	Twin-Leg Interface	Steel Carabiner	Steel Snap Hook	Steel Swiveling Snap Hook	Flat Steel Rebar Hook	Steel Rebar Hook with Locking Nose	Aluminum Captive Eye Carabiner	Aluminum Rebar Hook	Aluminum Rebar Hook with Locking Nose	9' Tie-Back	
8 ft. Single Leg	■			■								3101491
	■				■							3101492
	■					■						3101493
	■						■					3101494
	■							■				3101495
	■								■			3101496
	■									■		3101497
	■		■	■								3101498
8 ft. Twin Leg											■	3101322
											■	3101324
		■		■								3101499
		■			■							3101500
		■				■						3101501
		■					■					3101502
		■						■				3101503
		■							■			3101504
		■								■		3101505
		■									■	3101326



C

Personal Self-Retracting Lifelines

3M™ DBI-SALA® Sealed-Blok™

Self-Retracting Lifeline

Grease, dirt and moisture are just part of your job. Keeping them from affecting the performance of your SRL is ours. These sealed SRLs are constructed from heavy-duty, corrosion-resistant materials, and incorporate a patented concept that separates all dynamic components—including the motor spring and brake—from foreign elements.

Sealed design meets IP68 and IP69K rating.



3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifelines



Sealed-Blok™ SRL



Automatic Rescue/
Descent Sealed-Blok™



Sealed-Blok™ SRL
with Retrieval



Sealed-Blok™ SRL
with Magnetic
Retraction Control

Product selection guide

	Lifeline material	Hook material	Includes mounting bracket	Retrieval capability	RSQ capacity	310 lb. (141 kg) weight capacity	420 lb. (189 kg) weight capacity	Magnetic Retraction.	15 ft. (4.5 m)	30 ft. (9.1 m)	50 ft. (15.2 m)	85 ft. (25.6 m)	130 ft. (39.6 m)	175 ft. (53.3 m)
OSHA/ANSI	Galvanized cable	Steel					■		3400825	3400800				
							■				3400900	3400860	3400965	3400650
				■			■			3400850				
				■			■				3400920	3400870	3400975	3400660
				■	■	■					3400940	3400910		
					■	■					3400930	3400885	3400990	
			■	■			■			3400853				
			■	■			■				3400923	3400871	3400976	
	Stainless steel cable	Stainless steel						■			3400846			
							■		3400827	3400802				
							■				3400902	3400862	3400967	3400652
					■	■					3400932	3400886	3400991	
				■			■			3400852				
				■			■					3400874	3400979	3400661
				■	■	■					3400942	3400912		
			■	■			■			3400858				
			■	■			■				3400942	3400882	3400987	

Other models available; please contact us.

3M™ DBI-SALA® Fast Line Cable Replacement Assemblies



Fast Line allows the lifeline assembly to be replaced out in the field.

3900105

Galvanized Cable
with Plated Hook

Fast Line Galvanized Replacement
Cable Assembly x 50 ft. (15 m)

3900105 50 ft. (15 m)

3900108 85 ft. (25.5)

3900112 130 ft. (39 m)

3900107

Stainless Steel Cable
with Stainless Steel Hook

Fast Line Stainless Steel Replacement
Cable Assembly x 50 ft. (15 m)

3900107 50 ft. (15 m)

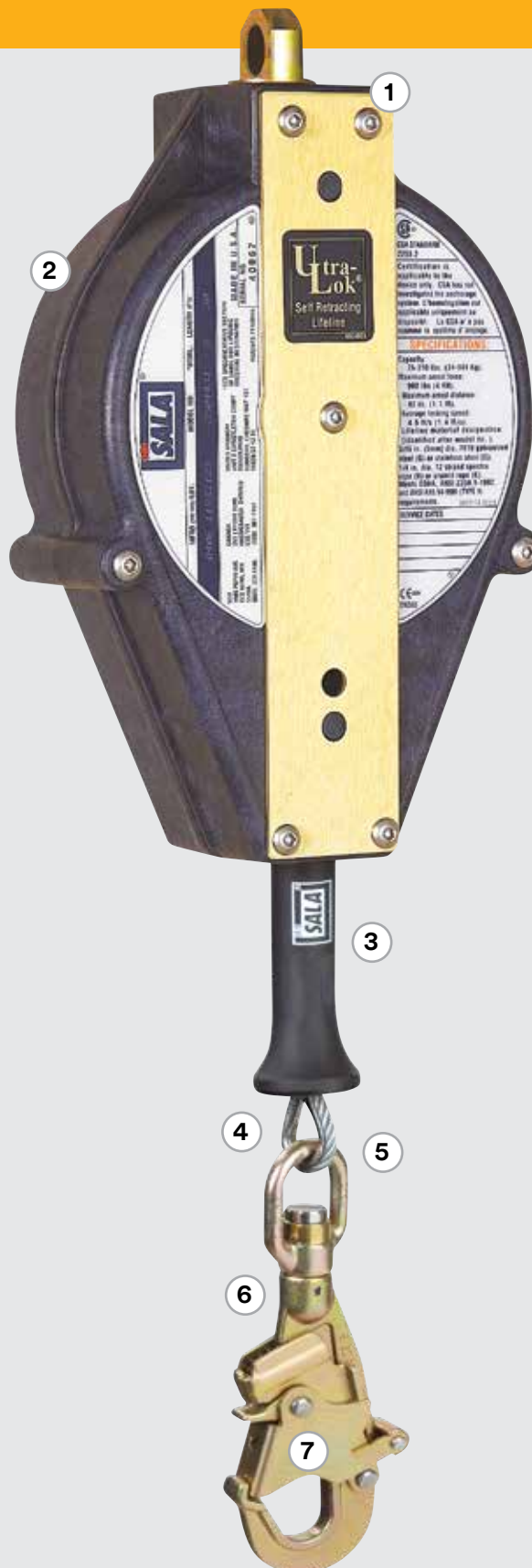
3900111 85 ft. (25.5 m)

3900114 130 ft. (39 m)

3M™ DBI-SALA® Ultra-Lok™ Self-Retracting Lifelines

Stainless steel components, an anti-ratcheting brake system and a semi-sealed design.

- 1 Top swivel**
Limits lifeline twisting.
- 2 Thermoplastic housing**
- 3 Ergonomic cable handle**
- 4 Multiple lifeline options**
Galvanized or stainless steel cable, nylon or Nomex®/Kevlar® web, or Vectran™ rope for ultimate jobsite flexibility.
- 5 Self-locking swivel hook**
Limits lifeline twisting.
- 6 Impact indicator**
Provides visual indication of fall arrest.
- 7 3,600 lb. gate**
Reduces chances of accidental disengagement (“roll-out”).



3M™ DBI-SALA® Ultra-Lok™ Self-Retracting Lifelines

Like our Sealed-Blok™, the Ultra-Lok™ Lifeline also extends and retracts, so you can move about freely at normal speeds within a recommended working area. Should a fall occur, a speed-sensing brake system will activate, stopping the fall and reducing the imposed forces to 900 lbs. (4 kN) AAF.



3504500

Ultra-Lok™ Leading Edge SRL

This design incorporates larger diameter 30 ft. (9.1 m) of 7/32 in. cable and an in-line shock absorber for the demands of leading edge applications.

3504505

Ultra-Lok™ RSQ SRL

50 ft. RSQ Automatic Rescue/Descent SRL with 3/16 in. (5 mm) galvanized steel wire rope with swivel snap hook.



3504480

Ultra-Lok™ Self-Retracting Lifeline

1/4" (6 mm) Vectran Synthetic Rope with Swivel Snap Hook.

3501102

Ultra-Lok™ Retrieval SRL

50 ft. (15.2 m) of 3/16 in. (5 mm) galvanized steel wire rope with emergency retrieval winch, mounting bracket, swiveling snap hook and anchorage carabiner.

3M™ DBI-SALA™ Ultra-Lok™ Self-Retracting Lifelines

Lifeline material	Hook style	Hook throat size (in.)	Rated gate capacity (lbs.)	Swivel hook	Leading edge	RSQ	SRL weight capacity (lbs.)	15 ft. (4.6 m)	20 ft. (6.1 m)	30 ft. (9.1 m)	35 ft. (9.1 m)	50 ft. (10.6 m)	55 ft. (16.7 m)	85 ft. (26 m)
Galvanized cable	Steel carabiner	5/8	3,600	■			310		3504445	3504446		3504463		
	Steel hook	5/8	3,600	■	■		310	3504422		3504500			3504600	
		3/4	3,600	■		■	310					3504550		
				■			310		3504433			3504450		3504485
Stainless steel cable	Stainless steel hook	3/4	3,600	■		■	310					3504552		
				■			310		3504437	3504432		3504452		3504487
Vectran rope	Steel hook	3/4	3,600	■			310				3504453	3504480		
Retrieval SRLs	Galvanized	3/4	3,600	■			310					3501102		
	Stainless Steel			■			310					3501103		

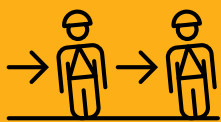
Other Models available, contact 3M Fall Protection

3M™ DBI-SALA™ Smart Lock Self-Retracting Lifelines

- 1 **Swiveling anchorage & carabiner included**
 - 2 **Built-in handle**
Designed for easy transport and support during overhead installation.
 - 3 **Magnetic retraction control**
The lifeline rewinds at an evenly controlled pace, helping reduce the possibility for harm to people or equipment (compared to solutions with gear-based retraction).
 - 4 **Patent pending dual label system**
An extra label stored in the bumper on the lifeline allows users to easily access critical asset information and keeps it protected from damage to help reduce cost of ownership.
 - 5 **Highly-visible orange energy-absorber cover**
Identifies product as meeting Leading Edge standards and allows you to more easily confirm that workers are tied off (Horizontal models).
- 1,350 lb. Maximum Arresting Force (MAF)
- 420 lb. weight capacity



Horizontal (Leading Edge)



29%

Fewer sudden stops

Enhanced testing programs were performed during the design and qualification of this product to reduce unintentional lockups. Compared to our existing devices the new Smart Lock SRL locked up 29% less when tested against 422 work motion profiles.



Vertical (Overhead)

As low as
4 ft.
fall clearance



Complies with OSHA 1910.140 General Industry

Helps protect general industry workers up to 310 lbs. from falls when working with as little as 4 ft. of fall clearance.



3M™ DBI-SALA® Smart Lock Self-Retracting Lifelines



3503800

Smart Lock SRL – Vertical

30 ft. Galvanized Steel lifeline.



3503822

Smart Lock SRL – Horizontal Leading Edge

30 ft. Galvanized Steel lifeline.



3503805

Smart Lock SRL – Vertical Arc Flash

20 ft. Rope.



3503848

Smart Lock SRL – Horizontal Modular

Works with D-ring extensions.

Learn more about the 3M™ DBI-SALA® Smart Lock Leading Edge SRL and Modular Connector. See page 67.

3M™ DBI-SALA® Smart Lock Self-Retracting Lifelines

Application	Part #	Length	Lifeline Material
Vertical (Overhead)	3503803	20 ft.	Galvanized Steel
	3503804	20 ft.	Stainless Steel
	3503800	30 ft.	Galvanized Steel
	3503801	30 ft.	Stainless Steel
	3503820	35 ft.	Rope
	3503821	35 ft.	Stainless Steel
	3503824	50 ft.	Galvanized Steel
	3503823	50 ft.	Stainless Steel
Horizontal (Leading Edge)	3503802	20 ft.	Galvanized Steel
	3503822	30 ft.	Galvanized Steel
 Arc Flash (Overhead)	3503805	20 ft.	Rope

3M™ DBI-SALA® Smart Lock Leading Edge SRL and Modular Connector

Application	Part #	Length	Description
Horizontal (Leading Edge) with D-ring Extension	3503848	30 ft.	3M™ DBI-SALA® Smart Lock Leading Edge SRL with D-Ring Ext.
	1246500	14 in.	3M™ DBI-SALA® EZ Stop™ LE Shock Pack for Modular Connector SRL

3M™ DBI-SALA® Nano-Lok™ Extended Length Self-Retracting Lifelines

We're advancing the versatility of 3M™ DBI-SALA® Nano-Lok™ SRLs. Available in 9 ft., 11 ft., 15 ft. and now 20 ft. lengths, the family of Nano-Lok™ SRLs combines fall protection with ease-of-use and comfort for even more applications.

- Swiveling anchorage loop limits lifeline twisting.
- Thermoplastic housing designed to withstand demanding worksites.
- As low as 6 ft. of required fall clearance.
- Dyneema® Fiber and Polyester Web Lifeline reduces overall weight and the retractable design provides freedom of movement.
- External energy absorber maintains safe fall arrest forces for users (and tools) up to 420 lbs. (190 kg)
- Impact indicator provides a visual alert that the SRL has been involved in a fall.



3101684



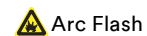
3501694



3103865

3M™ DBI-SALA® Nano-Lok™ XL Self-Retracting Lifelines

Lifeline Material	Length	Connector	Anchor Mount	Part #
Kevlar®	11 ft.	Swiveling Steel Snap Hook	Steel Carabiner	3101684
Dyneema®	20 ft.	Steel Snap Hook	Steel Carabiner	3103865
Dyneema®	20 ft.	Swiveling Steel Snap Hook	Steel Carabiner	3103866
Dyneema®	20 ft.	Aluminum Carabiner	Aluminum Carabiner	3103872
Dyneema®	20 ft.	Swiveling Stainless Steel Snap Hook	Stainless Steel Carabiner	3103873
Galvanized Cable	15 ft.	Swiveling Steel Snap Hook	Steel Carabiner	3501694
Stainless Steel Cable	15 ft.	Swiveling Stainless Steel Snap Hook	Steel Carabiner	3501695



3M™ DBI-SALA® Shock-Absorbing Lanyards

Meeting industry standards.

When you place your trust in a 3M™ DBI-SALA® Lanyard, you can depend on the fact that every one meets rigorous industry safety standards, including OSHA 29 CFR 1926.502, 1910.140 and ANSI/ASSP Z359.13.

Choosing a lanyard

Look for these features when selecting a lanyard.

- A. Webbing**
Choose your webbing based on the type of conditions you work in. Options include Nomex®/Kevlar® with fiber, polyurethane-coated and cable.
- B. Impact indicators**
Impact indicators let you know if a shock absorber has been involved in a fall, so you can remove it from service.
- C. Connector/hook**
3M™ DBI-SALA® Snap Hooks allow one-handed use and won't pinch thumbs or fingers.
- D. Length**
The standard lanyard length is 6 ft (1.8 m), but other lengths are available.
- E. Shock absorber**
Most shock absorbers keep forces below 900 lbs. (4 kN) AFF and are available in pack or tubular styles.



C Shock-Absorbing Lanyards

Types of 3M™ DBI-SALA® Snap Hooks

All of our lanyards feature 3,600 lb. (16 kN) rated gates.

											
	Steel Snap Hook	Aluminum Snap Hook	Aluminum Rebar Hook	Flat Steel Rebar Hook	Saflok™ Max Steel Rebar Hook	Saflok™ Tower Hook	Aluminum Rebar Hook with Locking Nose	Steel Rebar Hook with Locking Nose	Wrap Back Hook	Tie-Back Carabiner	Comfort Grip Hook
Gate Opening	3/4 in. (19 mm)	3/4 in. (19 mm)	2-1/4 in. (57 mm)	2-1/2 in. (62.5 mm)	3 in. (76.2 mm)	4-5/16 in. (116.84 mm)	2-1/2 in. (62.5 mm)	2-1/2 in. (62.5 mm)	3/4 in. (19 mm)	3/4 in. (19 mm)	2-1/4 in. (57 mm)
Gate Strength	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)	3,600 lb. (16 kN)

3M™ DBI-SALA® Shock-Absorbing Lanyards

Types of Lanyards



Pack-Style Shock-Absorbing Lanyards

These lanyards dissipate energy, limiting the forces on the body in a fall arrest event.



Tubular-Style Shock-Absorbing Lanyards

These lanyards are available in both fixed length and “stretch” style designs.



Twin-Leg Lanyards

Twin-Leg lanyards provide 100% tie-off, allowing users to stay protected when changing locations.



Positioning Lanyards

Designed without shock absorbers for positioning or restraint applications only.



Tie-Back Lanyards

Tie-Back lanyards act as both a connecting means and an anchorage connector when a qualified anchorage connector is not available.



Lanyards for Arc Flash and Hot Work Use

These lanyards are designed with Kevlar® fiber for use in high temperatures or applications requiring arc flash protection.



Lanyards for Foot-Level Tie-Off

Used at the feet, these lanyards allow a 12 ft. (3.7 m) free fall and maintain forces below 1,800 lbs. (8 kN) MAF.



Fall-Restricting Device

Clinches around a wood pole during “cut outs” to help prevent users from falling and allowing them to regain footing.

3M™ DBI-SALA® ShockWave™ 2 Shock-Absorbing Lanyards

Avoid trips and snags with lanyards that expand and contract (6 ft.-4-1/2 ft.) in reaction to movement. They have a built-in impact indicator and limit the average fall arresting forces to 900 lbs. (4 kN)

Selection guide:



1244409

Part #	Single-Leg/ Twin-Leg	Hook 1 (Harness) Material/Style	Hook 2 (Anchor) Material/Style	Hook 3 (Anchor) Material/Style
1244306	Single	Steel/Snap	Steel/Snap	-
1244311	Single	Aluminum/Snap	Aluminum/Rebar Locking Nose	-
1244321	Single	Steel/Snap	Steel/Rebar Locking Nose	-
1244360	Single	Steel/Snap	Steel/Saflok™ Max Rebar	-
1244406	Twin	Steel/Snap	Steel/Snap	Steel/Snap
1244409	Twin	Aluminum/Snap	Aluminum/Rebar Locking Nose	Aluminum/Rebar Locking Nose
1244412	Twin	Steel/Snap	Steel/Rebar Locking Nose	Steel/Rebar Locking Nose

All lanyards are 6 ft. long unless otherwise noted.

3M™ DBI-SALA® Shock-Absorbing Lanyards

3M™ DBI-SALA® ShockWave™ 2 Shock-Absorbing Lanyards

Rescue Lanyards

These lanyards incorporate an integrated D-ring to help facilitate the rescue of a fallen worker.



1244456

Arc Flash Lanyards



Constructed from materials, these lanyards have Nomex®/Kevlar® fiber and are great for high heat environments or for electrical work when arc flash is a concern. Meets arc requirements of ASTM F887.



1244610

Tie-Back Lanyards

When a qualified anchorage connector is not available, a tie-back lanyard acts as both a connecting means and an anchorage connector.



1244650

Selection guide:

Part #	Type	Single-Leg/ Twin-Leg	Hook 1 (Harness) Material/Style	Hook 2 (Anchor) Material/Style	Hook 3 (Anchor) Material/Style
1244456	Rescue	Twin	Steel/Snap, D-ring	Steel/Rebar Locking Nose	Steel/Rebar Locking Nose
1244750	Rescue	Twin	Steel/Snap	Steel/Rebar Locking Nose, D-ring	Steel/Rebar Locking Nose, D-ring
1244455	Rescue	Twin	Steel/Snap, D-ring	Steel/Snap	Steel/Snap
1244459	Rescue	Twin	Steel/Snap, D-ring	Steel/Saflok™ Max Rebar	Steel/Saflok™ Max Rebar
1244751	Rescue	Twin	Aluminum/Snap	Aluminum/Rebar Locking Nose, D-ring	Aluminum/Rebar Locking Nose, D-ring
1244610	Arc Flash 	Single	Steel/Snap	Steel/Snap	-
1244611	Arc Flash 	Single	Web Choker	Steel/Snap	-
1244630	Arc Flash 	Twin	Steel/Snap	Steel/Snap	Steel/Snap
1244631	Arc Flash 	Twin	Web Choker	Steel/Snap	Steel/Snap
1244632	Arc Flash 	Twin	Aluminum/Snap	Aluminum/Rebar Locking Nose	Aluminum/Rebar Locking Nose
1244639	Arc Flash 	Twin	Aluminum/Snap	Steel/Saflok™ Max Rebar	Steel/Saflok™ Max Rebar
1244650	Tie-Back	Single	Steel/Snap	Steel/Tie-back Carabiner	-
1244675	Tie-Back	Twin	Steel/Snap	Steel/Tie-back Carabiner	Steel/Tie-back Carabiner

C

Shock-Absorbing Lanyards

3M™ DBI-SALA® Shock-Absorbing Lanyards

3M™ DBI-SALA® Force™ 2

Foot-Level Tie Off Shock-Absorbing Lanyards

Selection guide:

Part #	Single-Leg/ Twin-Leg	Leg Material	Hook 1 (Harness) Material/Style	Hook 2 (Anchor) Material/Style	Hook 3 (Anchor) Material/Style
1246143	Twin	Web, Elastic	Steel/Snap	Steel/Saflok™ Max Rebar	Steel/Saflok™ Max Rebar
1246145	Twin	Web, Elastic	Aluminum/Snap	Aluminum/Rebar Locking Nose	Aluminum/Rebar Locking Nose
1246147	Twin	Web, Elastic	Steel/Snap	Steel/Snap	Steel/Snap
1246159	Twin	Web	Steel/Snap	Steel/Rebar Locking Nose	Steel/Rebar Locking Nose
1246161	Twin	Web	Steel/Snap	Steel/Snap	Steel/Snap
1246167	Single	Web	Steel/Snap	Steel/Snap	-
1246273	Twin	Rope	Aluminum/Snap	Aluminum/Rebar Locking Nose	Aluminum/Rebar Locking Nose

Great for when there is no overhead anchorage and your only option is to tie off at your feet. These lanyards can be used for up to a 12 ft. (3.7 m) free fall and limit the forces below 1,800 lbs. (8 kN) MAF.

3M™ DBI-SALA® Wrap Back

Tie-Back Lanyards

Selection guide:

Part #	Single-Leg/ Twin-Leg	Leg Material	Hook 1 (Harness) Material/Style	Hook 2 (Anchor) Material/Style	Hook 3 (Anchor) Material/Style
1246075*	Twin	Web	Steel/Snap	Steel/Wrap Back	Steel/Wrap Back
1246080	Twin	Web	Steel/Snap	Steel/Wrap Back	Steel/Wrap Back
1246173*	Single	Web	Steel/Snap	Steel/Wrap Back	-
1246229	Single	Web	Steel/Snap	Steel/Wrap Back	-

These lanyards can help eliminate the need for a separate anchorage connector. They offer a unique 5,000 lb. (22 kN) hook and heavy-duty webbing.



1246229

*Force™2, foot-level tie off.

3M™ DBI-SALA® Force™ 2 Wind Energy

Foot-Level Tie Off Lanyards

Selection guide:

Part #	Single-Leg/ Twin-Leg	Leg Material	Hook 1 (Harness) Material/Style	Hook 2 (Anchor) Material/Style	Hook 3 (Anchor) Material/Style
1246030	Twin	Web, Elastic	Steel/Snap	Steel/Rebar Locking Nose	Steel/Rebar Locking Nose
1246032	Twin	Web, Elastic	Aluminum/Snap	Aluminum/Rebar Locking Nose	Aluminum/Rebar Locking Nose
1246152	Twin	Web, Elastic	Steel/Snap	Steel/Saflok™ Max Rebar	Steel/Saflok™ Max Rebar
1246153	Twin	Web, Elastic	Aluminum/Snap	Aluminum/Rebar Locking Nose	Aluminum/Rebar Locking Nose



1246032

3M™ DBI-SALA® EZ-Stop™

Leading Edge Shock-Absorbing Lanyards

Selection guide:

Part #	Type	Single-Leg/ Twin-Leg	Leg Material	Hook 1 (Harness) Material/Style	Hook 2 (Anchor) Material/Style	Hook 3 (Anchor) Material/Style
1246066	Leading Edge	Single	Cable, Vinyl Coated	Steel/Snap	Steel/Snap	-
1246068	Leading Edge	Twin	Cable, Vinyl Coated	Aluminum/Snap	Aluminum/Snap	Aluminum/Snap
1246178	Leading Edge	Twin	Cable, Vinyl Coated	Aluminum/Snap	Aluminum/Rebar Locking Nose	Aluminum/Rebar Locking Nose
1246261	Leading Edge	Single	Cable, Vinyl Coated	Steel/Snap	Steel/Rebar Locking Nose	-

Engineered for sharp edges, these lanyards incorporate edge certified cable construction and offer Force™2 foot-level tie-off ability (for maximum 12 ft. free fall).



1246066

3M™ DBI-SALA® Positioning Web & Rope Lanyards

3M™ DBI-SALA® Positioning Web & Rope Lanyards

Lanyards without shock absorbers, such as rope or web lanyards are designed for positioning or restraint applications.



Selection guide:

Part #	Length	Leg Material	Hook 1 (Harness) Material/Style	Hook 2 (Anchor) Material/Style
1232354	6 ft. (1.8 m)	Rope, Nylon	Steel/Snap	Steel/Snap
1232209	6 ft. (1.8 m)	Rope, Nylon, Adjustable	Steel/Snap	Steel/Snap
1231102	2 ft. (0.6 m)	Web	Steel/Snap	Steel/Snap
1231103	3 ft. (0.9 m)	Web	Steel/Snap	Steel/Snap
1231104	4 ft. (1.2 m)	Web	Steel/Snap	Steel/Snap
1231106	6 ft. (1.8 m)	Web	Steel/Snap	Steel/Snap
1231016	6 ft. (1.8 m)	Web, Adjustable	Steel/Snap	Steel/Snap
1234070	8 ft. (2.4 m)	Rope, Technora® Kernmantle, Adjustable	Steel/Snap	Steel/Rope Adjuster with Carabiner
1234071	8 ft. (2.4 m)	Rope, Technora® Kernmantle, Adjustable	Aluminum/Snap	Aluminum/Rope Adjuster with Carabiner
1234083	8 ft. (2.4 m)	Rope, Technora® Kernmantle, Adjustable	Aluminum/Carabiner	Aluminum/Rope Adjuster with Carabiner
1234080	8 ft. (2.4 m)	Rope, Technora® Kernmantle, Adjustable	Aluminum/Carabiner	Aluminum/Rope Adjuster with Carabiner

C

Shock-Absorbing Lanyards

3M™ DBI-SALA® Chain & Web Rebar Positioning Lanyards

Made of twist link chain or polyester web for strength and durability. A variety of hook options provide a compatible connection to many types of structures.

5920059

Chain Rebar Assembly

With snap hooks and swiveling Saflok™ Max Hook at center x 24 in. (60 cm)

5920059



5920050

Chain Rebar Lanyard

Chain rebar assembly with snap hooks and swiveling flat steel rebar hook at center x 1.7 ft. (52 cm)

5920051

Chain Rebar Lanyard

Chain rebar assembly with snap hooks and swiveling aluminum rebar hook at center x 22 in. (56 cm)

1231380

Web Rebar Assembly

With snap hooks and aluminum rebar hook at center x 18 in. (45 cm)

1231380



1231389

Web Rebar Lanyard

Web rebar assembly with snap hooks and Saflok Max Hook at center x 22 in. (45 cm)

1231520

Web Rebar Lanyard

Web rebar assembly with snap hooks and swiveling aluminum hook at center x 22 in. (56 cm)

3M™ DBI-SALA® Fall-Restricting Devices

3M™ DBI-SALA® Cynch-Lok™ Fall-Restricting Devices

Adjust and cinch around poles during “cut-outs” and hitch-hike poles (move or jump the strap upwards past obstacles) with a hand position consideration. Meets CSA Z259.14 for Type A and AB (dry, wet and icy poles) and ASTM F887.

Selection guide:

Part #	Description	Pole Size Minimum (Dia./Circ.)	Pole Size Maximum (Dia./Circ.)	Weight
1200110	Replacement Strap for Distribution Poles	5-1/2 in./17-1/2 in.	18-1/2 in./58 in.	1.9 lbs. (.86 kg)
1204057	Rope for Distribution Poles	5-1/2 in./17-1/2 in.	18-1/2 in./58 in.	4.8 lbs. (2.1 kg)
1204075	Web for Distribution Poles	5-1/2 in./17-1/2 in.	18-1/2 in./58 in.	4.9 lbs. (2.2 kg)
1200111	Replacement Strap for Transmission Poles	5-1/2 in./17-1/2 in.	30-1/2 in./96 in.	2.4 lbs. (1.1 kg)
1204058	Rope for Transmission Poles	5-1/2 in./17-1/2 in.	30-1/2 in./96 in.	5.3 lbs. (2.4 kg)
1204076	Web for Transmission Poles	5-1/2 in./17-1/2 in.	30-1/2 in./96 in.	5.4 lbs. (2.4 kg)



1204057



1204075

1200115
Cynch-Lok
Replacement Rope
Interior Strap
Weight: 2.9 lbs. (1.3 kg)

1200136
Cynch-Lok
Replacement Web
Interior Strap
Weight: 3 lbs. (1.3 kg)

1204077
Cynch-Lok
Left Carabiner
Conversion
Kit—Web

1204074
Cynch-Lok
Left Carabiner
Conversion
Kit—Rope



**Get in easily.
Get out safely.**

Our extensive line of high quality, rugged rescue and retrieval systems are used to rescue workers in confined spaces.

What to look for in a confined space rescue system:

Ease-of-use

Systems should be easy to set up, use and dismantle.

Mechanical systems

Lifeline types and length are just a few of the options you need to consider.

Durability

Components must be made from quality materials that can endure rough handling and harsh environments.

Versatility

Systems should be adjustable and adaptable to extreme environments. Modular systems allow you to add to your system over time.

Strength

Systems must be rated for your application. Look for maximum strength with minimal weight.

Portability

Systems should be lightweight and easy to transport, set up and store.

3M™ DBI-SALA® Hoist Systems



Engineered with aluminum, 3M™ DBI-SALA® Hoist Systems are adjustable and extendable to meet the specific needs of your job site.

8530352

4-in-1 Davit Guard System

Provides a basic hoist and a passive restraint guardrail system protecting companion workers and bystanders. It offers ample room for worker entry and maneuvering while keeping the confined space opening secure. A standard tie-off point provides a convenient 5,000 lb. (22 kN) anchor point for fall arrest devices where required.



3M™ DBI-SALA®

Davit Arm System Components

Variable offset davits are designed for use where multiple offset masts are required. The variable offset masts may be equipped with front mounted and/or back mounted winches or Self-Retracting Lifelines (SRLs) and feature an anchor point rated up to 5,000 lbs. (22 kN). For applications with overhead clearance restrictions, the adjustable height of the variable offset masts can eliminate the need for custom length masts and mast extensions. Quick-connect/release pins allow for fast and easy setup, dismantle and transport.

1 Winch

Davits can be equipped with both primary and secondary (back-up) mechanical devices for added flexibility. Retrieval winches can be used in conjunction with a retrieval SRL or fall protection system to raise and lower personnel and equipment.

2 Quick-Release Mounting Bracket

Simple detent-style winch mounting brackets. (See page 110)

3 Retrieval SRL

Retrieval SRLs offer fall protection as well as emergency retrieval for non-entry rescue.

4 Lower Mast Extensions

Allow the user to adjust the overall anchorage height of the system.

5 Base Options

Several portable and fixed base options are available for complete versatility.

6 Variable Offset Mast

Adjustable length of davit ensures lifelines are always centered over confined space.

7 Built-In Pulleys

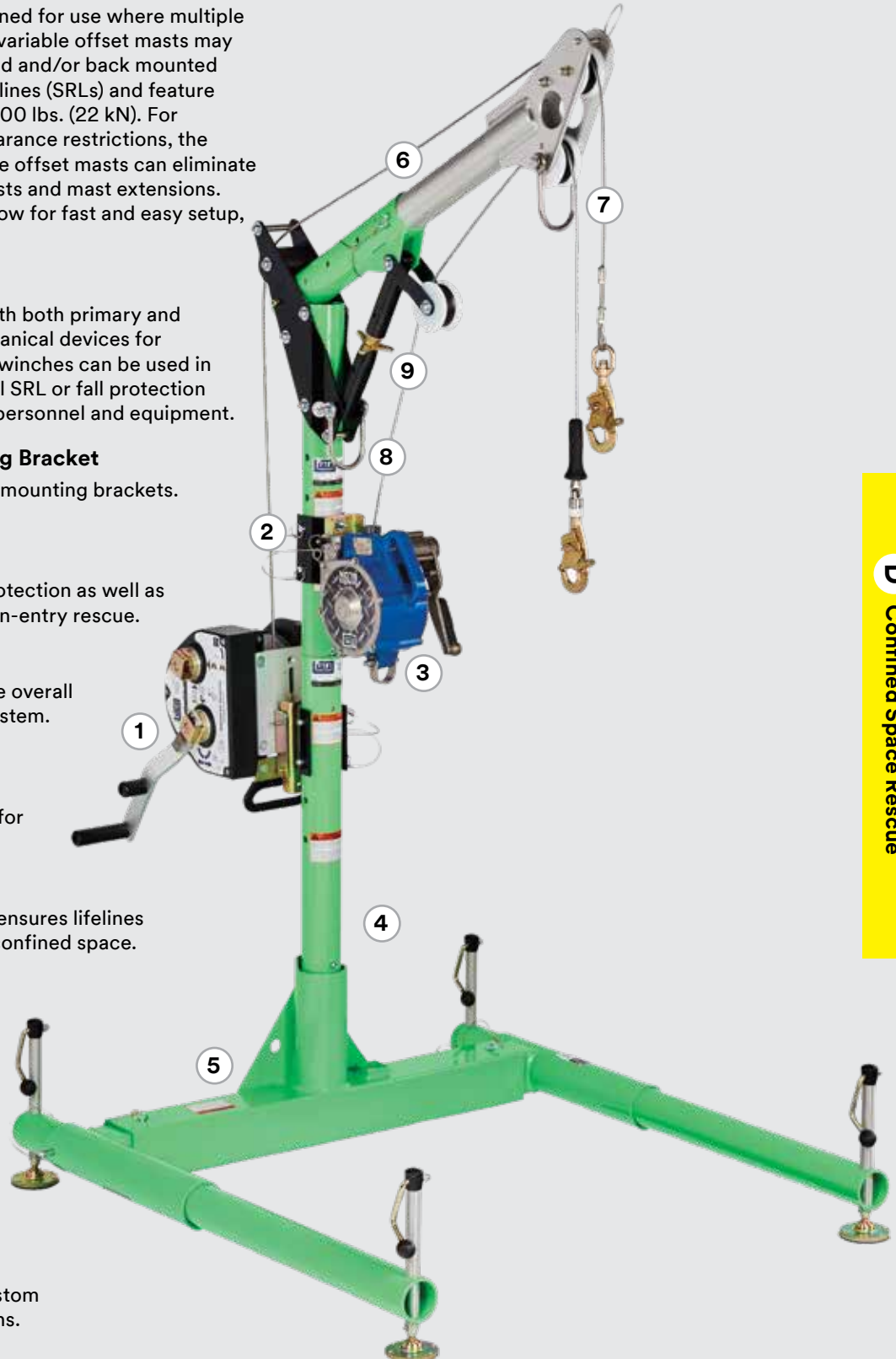
Route lifelines of two mechanical devices for smooth, efficient operation.

8 Fall Arrest Anchorage

Up to a 5,000 lb. (22 kN) rated anchor point for fall arrest device.

9 Adjustable Height

Eliminates the need for custom length masts and extensions.

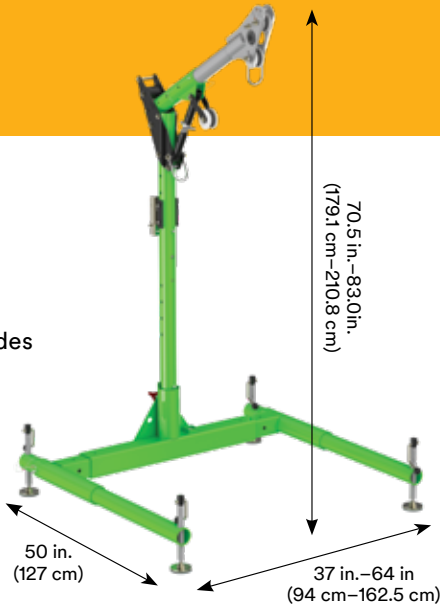


3M™ DBI-SALA® Hoist Systems

8518000

5-Piece Hoist System

Davit arm and base system includes 11.5 in.–27.5 in. (29.2 cm–69.8 cm) Adjustable Offset Upper Mast (8518001), 33 in. (83.8 cm) Lightweight Lower Mast (8518002), and 3-Piece Lightweight Base (8518005). Includes winch mounting bracket. Order winch and Self-Retracting Lifeline separately. Weight: 100 lbs. (45.5 kg)



	Short Reach 5-Piece Davit System	Digital Winch	Salalift™ II Winch	Ultra-Lok™ Retrieval SRL	Sealed-Blok™ Retrieval SRL	Davit Carrying Bags	Digital Winch Bags	Extra Winch Bracket
8301100	8518000			3501102		8518513		
8301102	8518000	8518558				8518513	8517567	
8301103	8518000		8102001	3501102		8518513		8549915
8301105	8518000	8518558			3400923	8518513	8517567	8549915
8301107				3501102				
8301109		8518558					8517567	
8301110			8102001	3501102				8549915
8301112		8518558			3400923		8517567	8549915
8518000	8518000							



8518270

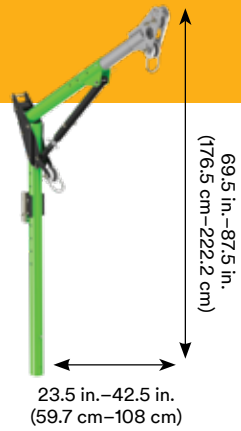
5-Piece Equipment Cart

Transport the 5-Piece System with ease over smooth or rough terrain. Ideal for tight storage situations.

8518513 Set of two carrying bags for 5-Piece Hoist System (8518000)

3M™ DBI-SALA®

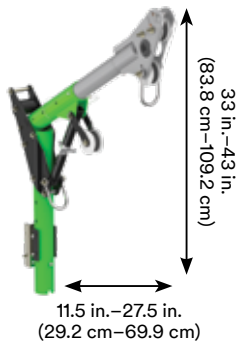
One-Piece Adjustable Offset Davit Masts



Adjustable offset davit mast	66 in.–76 in. (167.6 cm–193 cm)	78 in.–88 in. (198.1 cm–223.5 cm)	90 in.–100 in. (228.6 cm–254 cm)	69.5 in.–87.5 in. (176.5 cm–222.2 cm)	81.5 in.–91.5 in. (207 cm–232.4 cm)	93.5 in.–111.5 in. (237.5 cm–282.2 cm)
11.5 in.–27.5 in. (29.2 cm–69.8 cm)	8518382	8518383	8518384	–	–	–
223.5 in.–42.5 in. (59.7 cm–108 cm)	–	–	–	8518385	8518386	8518387

Offset Davit Masts & Lower Mast Extensions

Customize the height of these davit masts with up to two Lower Mast Extensions. Custom lengths are available—call us for details.



8518001

11.5 in.–27.5 in. Adjustable Offset Davit Mast

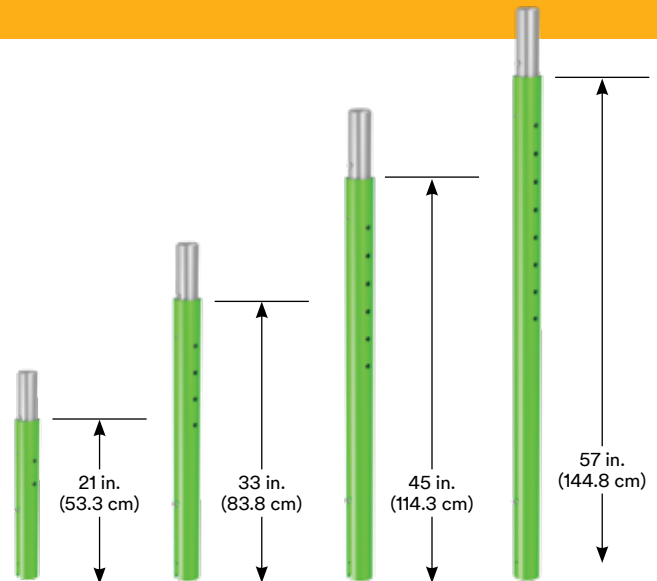
(Includes winch mount bracket.) Combine with up to two lower mast extensions to increase anchorage height. Combined extension length cannot exceed 90 in. (228 cm).



8518006

23.5 in.–42.5 in. Adjustable Offset Davit Mast

(Includes winch mount bracket.) Combine with up to two lower mast extensions to increase anchorage height. Combined extension length cannot exceed 78 in. (198 cm).



8518509 21 in. (53.3 cm) Lower Mast Extension.

8518002 33 in. (83.8 cm) Lower Mast Extension.

8518003 45 in. (114.3 cm) Lower Mast Extension.

8518004 57 in. (144.8 cm) Lower Mast Extension.

8513330

Carrying Bag

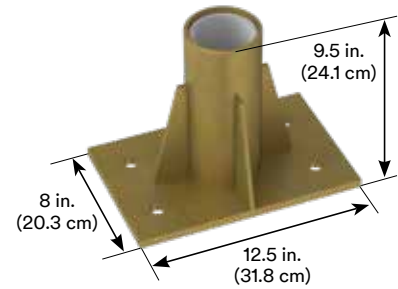
Carrying bag with protective plastic liner for one piece davit arm (8518382–8518387) and 10 ft. aluminum tripod (8513159).

8513564 Bag with protective plastic liner for Adjustable Offset Davit Mast, with Lower Mast Extension.



3M™ DBI-SALA® Fixed Bases

Fixed bases allow for easier setup and teardown, making them ideal for work areas where a base can be permanently installed to an existing structure. All bases come with PVC sleeve liners.



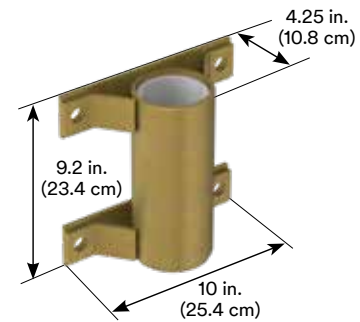
8512831

Center Mount Sleeve Zinc-Plated

Zinc-plated mild steel construction. Mounts to concrete or steel structure.

Weight: 13 lbs. (5.9 kg)

8516563 304 Stainless steel construction. Mounts to concrete or steel structure.



8518348

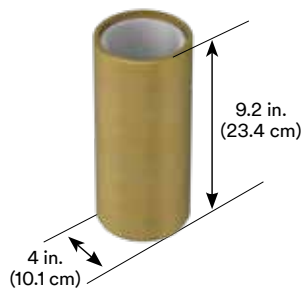
Wall Mount Sleeve 304 Stainless Steel

304 stainless steel construction. Compact design mounts to vertical concrete or steel structures.

Weight: 12 lbs. (5.5 kg)

8516191 Wall Mount Sleeve, zinc-plated mild steel construction.

3M™ DBI-SALA® Fixed Bases

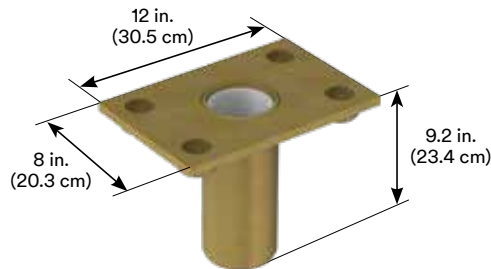


8510109

Core Mount Sleeve

Zinc-plated mild steel construction. Designed for slip-in installation into 4 in. (10.1 cm) core hole in concrete or in an existing steel structure. Weight: 8 lbs. (3.6 kg)

8510110 Core Mount Sleeve, stainless steel construction.

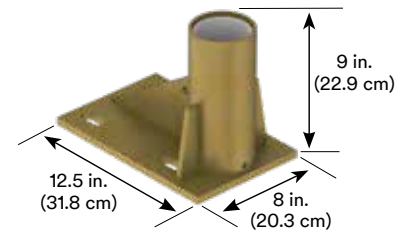


8510316

Floor Mount Sleeve

Mild steel construction. Recessed fastener pockets allow for bolt-in installation into existing concrete or steel structure. Flush mount design eliminates trip hazards when not in use. Weight: 21 lbs. (9.5 kg)

8512827 Flush Floor Mount Sleeve, stainless steel construction.



8510057

Offset Floor Mount Sleeve

Zinc-plated mild steel construction. Mounts to horizontal concrete or steel structure. Offset design allows for maximum reach of the mast being used. Weight: 25 lbs. (11.3 kg)

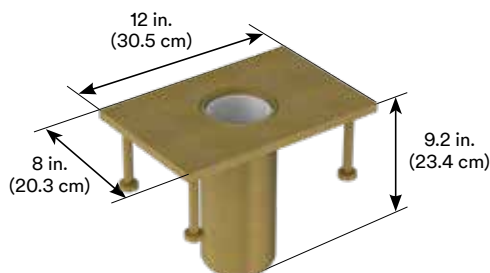


8515162

Deck Mount Sleeve

Zinc-plated mild steel construction. Designed to slip into a 4 in. (10.1 cm) hole in existing flooring. Flush mount design eliminates trip hazards when not in use. Comes with plastic stopper and mounting hardware—mounts to thicknesses from 1/4 in.–2 in. (6.4 mm–50.8 mm). Weight: 17 lbs. (7.7 kg)

8515834 Deck Mount Sleeve, stainless steel construction.

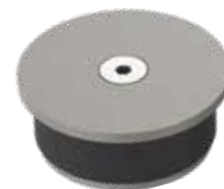


8510311

Flush Floor Mount Sleeve

Mild steel construction. Comes with pins for fresh concrete anchors for new construction or renovation. Flush mount design eliminates trip hazards when not in use. Weight: 21 lbs. (9.5 kg)

8512828 Flush Floor Mount Sleeve, stainless steel construction.



8510827

Heavy-Duty Sleeve Cap

Stainless steel construction. Used with permanent mounted sleeves when installed in high traffic or other severe service locations. Weight: 1.2 lbs. (0.54 kg)

8510826 Heavy-Duty Sleeve Cap, zinc-plated mild steel construction.

3M™ DBI-SALA® Portable Bases

Portable Bases work with a variety of Davit Arm and Mast Extensions. They're ideal when you need to move and access various confined space areas. Bases are lightweight, easy to transport, set up and use.

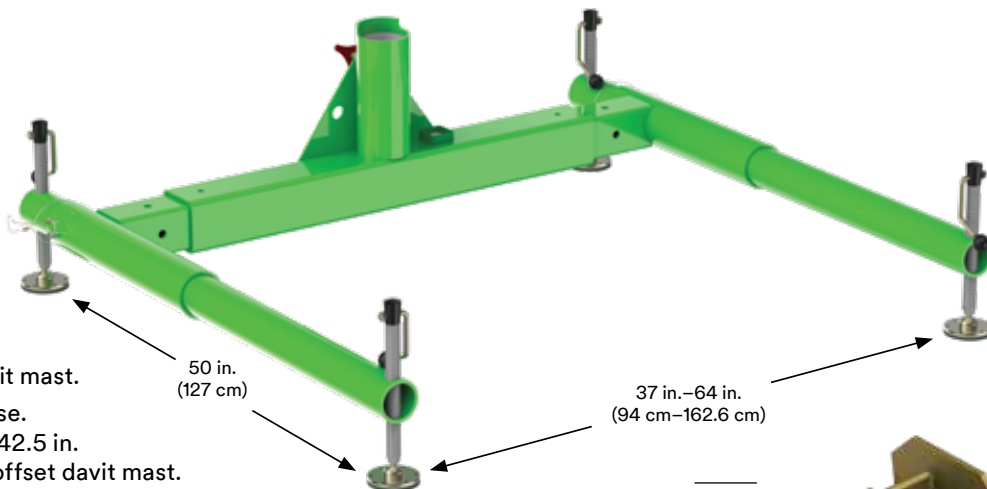
8518005

3-Piece Portable Base

Adjustable base for 27.5 in. (69.8 cm) maximum offset davit mast.

8518008 3-Piece Portable Base.

Adjustable base for 42.5 in. (108 cm) maximum offset davit mast.



8513565

Carrying Bag

Bag with protective plastic liner for 3-Piece Davit Base (8518005).

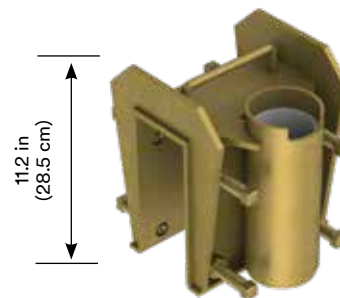


8510323

Barrel Mount Sleeve with 3.5 in. Opening

Zinc-plated mild steel construction. Eight independent clamping screws allow temporary installations over edges of shoring cans, walls and other structures. Comes with PVC inner liner. Custom fit openings available.

8510429 Barrel Mount Sleeve with 3.5 in. (76.2 mm) opening, stainless steel.

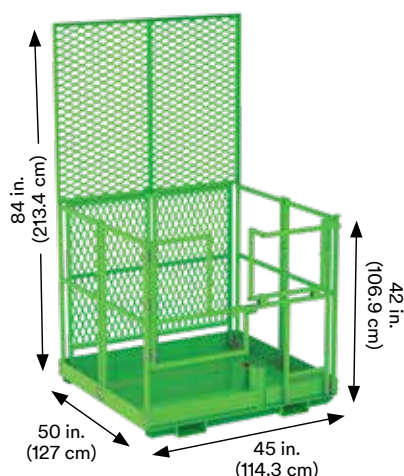


8510568

Forklift Basket

Designed to convert your forklift into a versatile confined space and fall arrest work platform. Add a davit mast and winch/ Self-Retracting Lifeline to the basket and you're ready to go.

Lightweight aluminum construction and tool-free assembly simplifies setup, transport and storage. Durable powder coated finish with anti-slip finish on walking surfaces. Includes spring-loaded gate. Weight: 215 lbs. (98 kg)



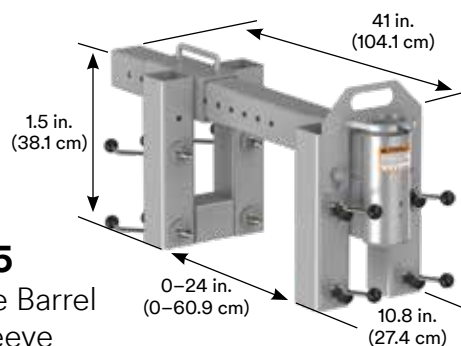
8512285

Adjustable Barrel Mount Sleeve

Designed for shoring, wall and parapet applications. Standard unit accommodates wall thicknesses up to a maximum of 24 in. (60.9 cm), with shorter or longer adjustment tubes available on request. Anodized, welded aluminum with zinc-plated steel hardware with inner sleeve.

8510715 Adjustable Barrel Mount Sleeve for 0 in. to 12 in. opening.

8516088 Adjustable Barrel Mount Sleeve for 42 in. maximum opening.



3M™ DBI-SALA® Portable Bases

8510501

3M™ DBI-SALA® Manhole Collars

17.5 in. (44.5 cm) Manhole Collar, fits 18 in.–20 in. (45.7 cm–50.8 cm) diameter. Provides a Portable Davit Base by simply fitting within manhole opening. Powder coated aluminum construction with PVC sleeve liner.

8510520 19.5 in. (49.5 cm) Manhole Collar fits 20 in.–22 in. (50.8 cm–55.8 cm) diameter.

8510457 21.5 in. (54.6 cm) Manhole Collar fits 22 in.–24 in. (55.8 cm–60.9 cm) diameter.

8510163 23.5 in. (59.7 cm) Manhole Collar fits 24 in.–26 in. (60.9 cm–66 cm) diameter.

8510633 25.5 in. (64.7 cm) Manhole Collar fits 26 in.–28 in. (66 cm–71.1 cm) diameter.

8510632 27.5 in. (69.8 cm) Manhole Collar fits 28 in.–30 in. (71.1 cm–76.2 cm) diameter.

8510546 29.5 in. (74.9 cm) Manhole Collar fits 30 in.–32 in. (76.2 cm–81.2 cm) diameter.

8530312 31.5 in. (80 cm) Manhole Collar fits 32 in.–34 in. (81.3 cm–86.4 cm) diameter.

8512994 33.5 in. (83.1 cm) Manhole Collar fits 34 in.–36 in. (86.3 cm–91.4 cm) diameter.



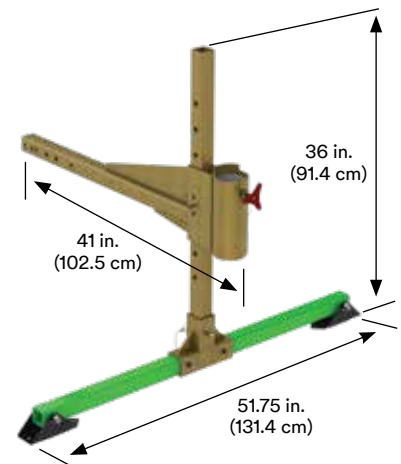
For small davit arms only

8510140

Vehicle Hitch Mount Sleeve

Designed to install into a 2 in. (51 mm) hitch receiver on an attendant vehicle to provide a portable anchor point for confined space entry, rescue and fall arrest systems. Assembly for a maximum 27.5 in. (69.8 cm) Offset Davit Mast.

8514461 Assembly for a maximum 42.5 in. (108 cm) Offset Davit Mast.



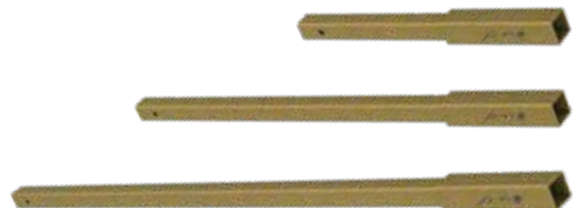
Vehicle Hitch Sleeve Extensions

A maximum of one extension can be used with a hitch mount and a bumper attachment.

8514503 2 ft. (0.61 m) Vehicle hitch mount sleeve extension. Weight: 17 lbs. (7.7 kg)

8512829 4 ft. (1.21 m) Vehicle hitch mount sleeve extension. Weight: 27.8 lbs. (12.6 kg)

8511384 6 ft. (1.83 m) Vehicle hitch mount sleeve extension. Weight: 39 lbs. (17.6 kg)



8511401

Universal Joint Assembly

Installs between the Hitch Mount Sleeve (8510140) or extension and the vehicle to compensate for uneven ground conditions. Weight: 10 lbs. (4.5 kg)



3M™ DBI-SALA® Counterweight Systems

Counterweight Systems are composed of a central base unit to accommodate a variety of anchoring options, positioning and adjustment legs, and extension assemblies.

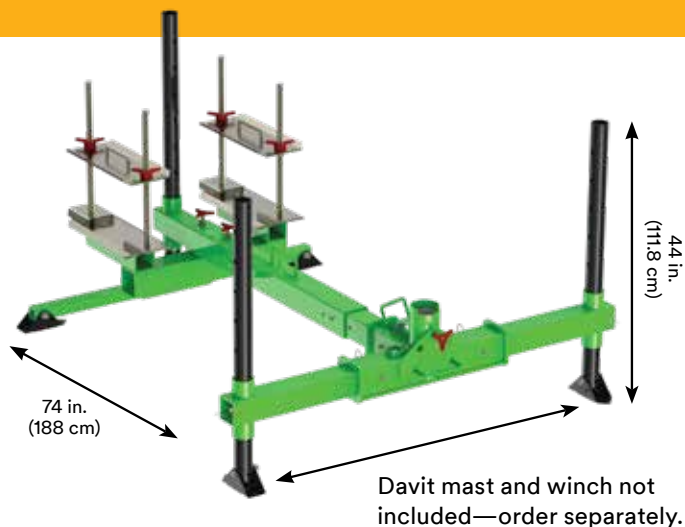
8512894

Counterweight System

Counterweight system base with pole leg assembly.

Weight: 199 lbs. (90.2 kg)

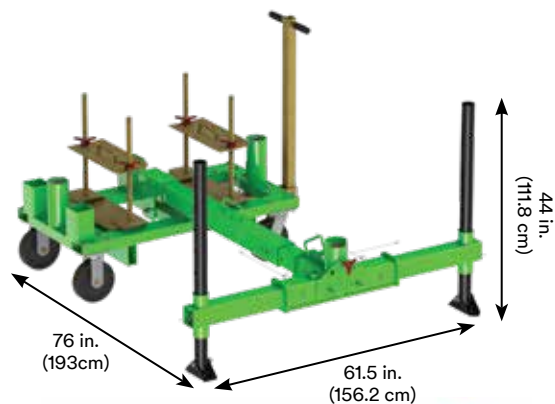
Counterweight requirements determined by application.
Contact customer service to order.



8520775

Mobile Counterweighted Cart Base

Ideal for areas that require access near a leading edge or into large tanks. System comes complete with counterweight cart, 36 in. (91.4 cm) inner extension tube, center section, and two outrigger screw assemblies. System counterweighted by 50 lb. (22.7 kg) weight plates. (Weight plates, davit mast and winch not included—order separately.)



8530088

Portable Catwalk Clamping Base

Designed to secure to 36 in. (91.4 cm) wide walkways. Ideal for areas that require access off a mezzanine or walkway. System comes complete with catwalk hook, 16 in. (40.6 cm) inner extension tube, center section and two outrigger screw assemblies. Other models available to accommodate different widths of walkways. (Davit mast and winch not included—order separately. More options available.)



8530256

Portable Anchor Point Base

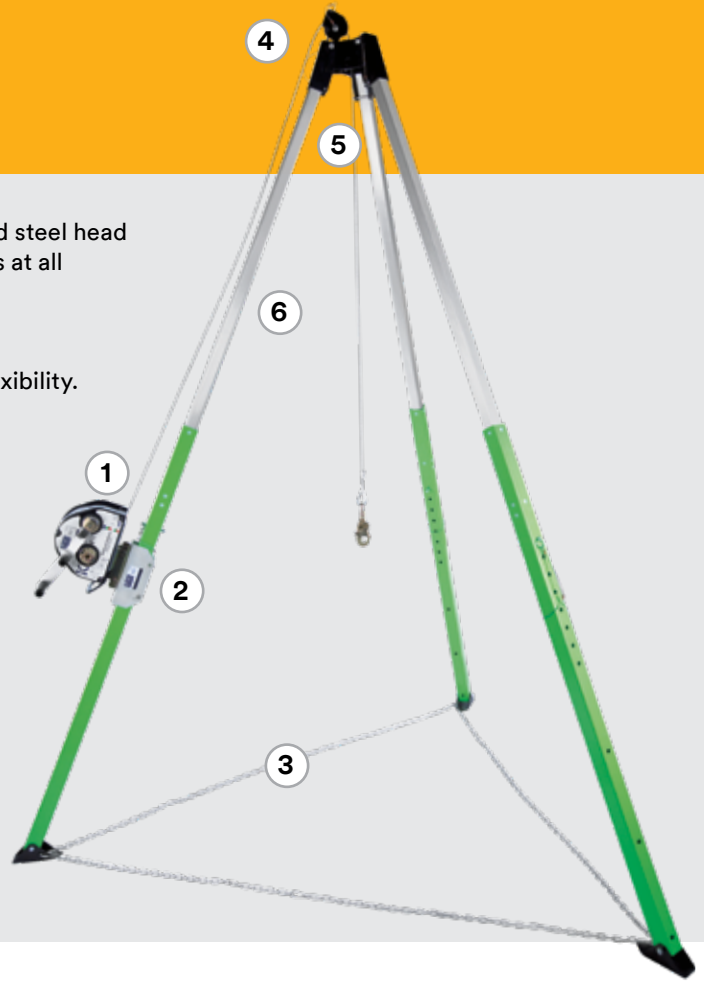
Ideal for areas that require access over a leading edge. System comes complete with U-bolt anchor point to attach to secondary fixed anchor, 36 in. (91.4 cm) inner extension tube, center section, and two outrigger screw assemblies. System requires a 5,000 lb. (22 kN) anchorage point to be tied down to. (Davit mast and winch not included—order separately.)



3M™ DBI-SALA® Tripods

Constructed of lightweight tubular aluminum with a rugged steel head assembly. Quick-release pins positively locate components at all adjustment points for tool-free setup and adjustment.

- 1 Mechanical Devices**
Supports up to three winches or SRLs for complete flexibility.
- 2 Quick-Connect Bracket**
Fast and easy attachment of mechanical devices.
- 3 Safety Chain**
Added support in demanding applications.
- 4 Top Mounted Pulley System**
Mount up to three pulleys to route mechanical device lifelines.
- 5 Secondary Anchor Point**
5,000 lb. (22 kN) anchor point for secondary fall arrest system.
- 6 Aluminum Construction**
Lightweight and durable for ease-of-use.



8000000

3M™ DBI-SALA® 7 ft.
Aluminum Tripod

- Lightweight, durable aluminum construction.
- Telescoping adjustable locking legs.
- Built-in pulley system.
- 5,000 lb. (22 kN) built-in head mounted anchor point.
- Capacity: 350 lbs. (159 kg)

8000010 9 ft. Tripod

Winch and SRL not included—order separately.



8513158

3M™ DBI-SALA® UCT-300
7 ft. Tripod

- Lightweight, durable aluminum construction.
- Telescoping adjustable locking legs.
- Built-in pulley system—can accommodate up to three pulleys.
- 5,000 lb. (22 kN) built-in head mounted anchor point.
- Capacity: 450 lbs. (204 kg)

8513159 10 ft. (3 m) Tripod

Winch and SRL not included—order separately.



8512292

Winch/SRL Mounting Bracket
for Tripod (8513159)

8510224 Winch/SRL Mounting
Bracket for Tripod (8513158)



8512293

Top Pulley Assembly for UCT
Series Tripods

Routes mechanical device's lifeline
over and into confined space area.



8513330

Carrying Bag

For 10 ft. (3 m) Tripod with protective
plastic liner (8513159).

8513329 For 7 ft. (2.1 m) tripod with
protective plastic liner
(8513158)

9503094 For 7 ft. (2.1 m) tripod
(8000000)

9503095 For 9 ft. (2.7 m) tripod
(8000010)



3M™ DBI-SALA® Tripods

Complete Tripod Solutions



	7' Alum. Tripod	9' Alum. Tripod	Lifeline Type	Salalift™ II Winch	Sealed-Blok™ Retrieval SRL	Ultra-Lok™ Retrieval SRL	Tripod Carrying Bag	Winch/ SRL Mounting Bracket	Leg Mount Pulley
8300030	8000000		Galvanized	60 ft. (18.3 m)					
8300032	8000000		Galvanized	90 ft. (27.4 m)					
8300034	8000000		Galvanized	120 ft. (36.6 m)					
8301030	8000000		Galvanized		50 ft. (15.2 m)				
8301041	8000000		Galvanized	60 ft. (18.3 m)	50 ft. (15.2 m)			8005048	8003238
8301062	8000000		Galvanized			50 ft. (15.2 m)	9503094		
8301066	8000000		Galvanized	60 ft. (18.3 m)		50 ft. (15.2 m)	9503094	8005048	8003238
8300040		8000010	Galvanized	60 ft. (18.3 m)					
8301035		8000010	Galvanized		50 ft. (15.2 m)				
8301049		8000010	Galvanized		85 ft. (25.9 m)				
8301043		8000010	Galvanized	60 ft. (18.3 m)	50 ft. (15.2 m)			8005048	8003238
8301064		8000010	Galvanized			50 ft. (15.2 m)	9503094		
8301068		8000010	Galvanized	60 ft. (18.3 m)		50 ft. (15.2 m)	9503094	8005048	8003238
8300031	8000000		Stainless Steel	60 ft. (18.3 m)					
8300033	8000000		Stainless Steel	90 ft. (27.4 m)					
8300035	8000000		Stainless Steel	120 ft. (36.6 m)					
8301031	8000000		Stainless Steel		50 ft. (15.2 m)				
8301042	8000000		Stainless Steel	60 ft. (18.3 m)	50 ft. (15.2 m)			8005048	8003238
8301063	8000000		Stainless Steel			50 ft. (15.2 m)	9503094		
8301067	8000000		Stainless Steel	60 ft. (18.3 m)		50 ft. (15.2 m)	9503094	8005048	8003238
8300041		8000010	Stainless Steel	60 ft. (18.3 m)					
8301036		8000010	Stainless Steel		50 ft. (15.2 m)				
8301037		8000010	Stainless Steel		85 ft. (25.9 m)				
8301044		8000010	Stainless Steel	60 ft. (18.3 m)	50 ft. (15.2 m)			8005048	8003238
8301069		8000010	Stainless Steel	60 ft. (18.3 m)		50 ft. (15.2 m)	9503094	8005048	8003238

3M™ DBI-SALA® Pole Hoist System

The pole hoist attaches with a carabiner on the universal bracket to a suitable anchor point. It has a unique swivel head that rotates 360 degrees, providing flexibility in both vertical and horizontal confined space entries.



8530252

Extendable Pole Hoist
4 ft.–7 ft. (1.2 m–2.1 m)
Weight: 12 lbs. (5.4 kg)

Extension with swivel head and winch mounting bracket, T-bar leg assembly and hardware/fasteners.

8530253 Extendable Pole Hoist
6 ft.–10 ft. (1.8 m–3 m)
Weight: 14 lbs. (6.4 kg)



8520777

Clamp-On Anchor
for Pole Hoists

Designed to secure to a vertical or horizontal flange up to 6 in. (15.2 cm) thick and provide an anchorage point to connect a pole hoist device to.



2104550

Steel Anchor Plate
with D-Ring

This plate anchor offers a compact, reliable attachment to 3/8 in.–1 in. thick plate steel for connecting your lanyard, vertical lifeline system or self-retracting lifeline.



8513330

Carrying Bag

For 6 ft.–10 ft. pole hoist.

8513329 Carrying Bag for
4 ft.–7 ft. pole hoist.



6320008

Web Sling

6,000 lb. rated, 1 ft. (30.5 cm) long; 3/4 ft (19.1 mm) wide Kevlar® web anchor sling.

3M™ DBI-SALA® Portable Fall Arrest Posts

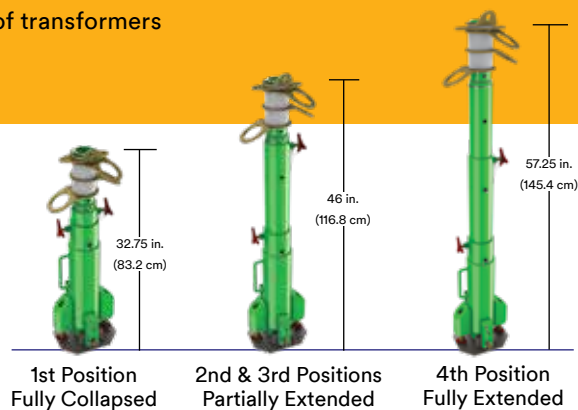
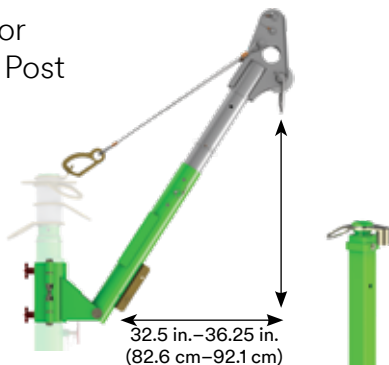
Our portable fall arrest post allows for up to three workers on top of transformers or other types of vertical platforms with potential fall hazards.

8516693

Rescue Davit Arm for Portable Fall Arrest Post

The optional rescue davit arm assembles to our portable fall arrest post, providing rescue and material handling capabilities.

8516693 post not included—order separately.



Anchor Bases for Portable Fall Arrest Post

8516691

Portable Fall Arrest Post

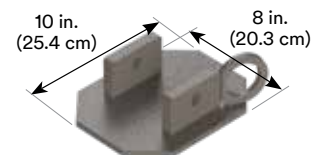
- Three independent swiveling tie-off points.
- 360 degrees of protection for three workers.
- Telescopic design; 32.75 in.–46 in.–57.25 in. (83.2 cm–116.8 cm–145.4 cm)
- Aluminum construction.



8517412

Bare Steel Uni-Anchor with Tie-Off Anchors

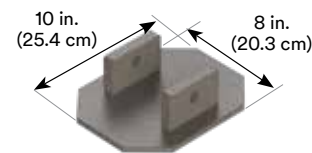
For closed environments without chemical or moisture exposure.



8510816

Weld-On Mounting Plate

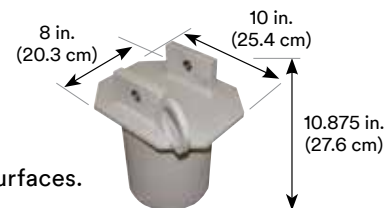
Unplated mild steel construction.



8517413

Incline Adapter with Tie-Off Anchor

Permanently weld to inclined surfaces.



8516996

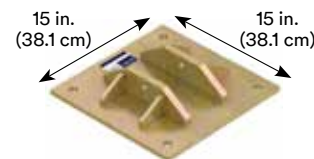
Uni-Anchor Fall Arrest Post

The 14 ft. (4.3 m) uni-anchor fall arrest post mounts using uni-anchor plates and extends up to 14 ft. (4.3 m) to provide a 1-man-rated fall arrest anchor point. Weight: 71 lbs. (32.2 kg)

8519819

Base Concrete Anchor

Bolt-on anchor plate for concrete or steel surfaces.



Accessories

8516692

14 in. Anchor Post Extension

Provides option to tie-off one worker at an increased height of 68.5 in. (174 cm). Weight: 5 lbs. (2.2 kg)



8517565

Carrying Bag

Heavy-duty carrying bag for Portable Fall Arrest Post (8516691) or Rescue Davit for Fall Arrest Post (8516693).



3M™ DBI-SALA® Mechanical Systems

Retrieving incapacitated workers and bringing them to safety makes the mechanical device one of the most critical parts of your rescue system. In some situations, you may need a secondary or backup system.

1 Digital Winches

- Man rated 450 lb. (201 kg) capacity.
- Digital usage indicator tracks drum revolutions to determine service intervals.
- Triple redundant braking system.
- Sealed bearings at all contact points.

2 Retrieval Sealed-Blok™ Self-Retracting Lifeline

- Ideal for secondary or backup.
- Man rated 420 lb. (190 kg) capacity.
- Fall arrest system limits forces to 900 lbs. (4 kN)
- Built-in emergency retrieval winch.
- Input handle with primary brake.



3M™ DBI-SALA® Salalift™ II Winches

- Man rated 350 lb. (159 kg) capacity.
- Overload clutch.
- Gear ratio of 6:1.
- Free-wheel mode.
- Shielded ball bearings.



3M™ DBI-SALA® Winches

Digital Winch

Drive Type	Lifeline Type	Mounting Bracket	60 ft. (18 m)	90 ft. (27 m)	140 ft. (42 m)	190 ft. (58 m)	240 ft. (73 m)	290 ft. (88 m)
Power drive*	Galvanized steel	■	8518567	8518568	8518588	8518589	8518610	8518611
	Stainless steel	■	8518565	8518566	8518586	8518587	8518608	8518609
	Technora® rope	■	8518571					
Removable handle	Galvanized steel	■	8518560	8518561	8518581	8518582	8518603	8518604
	Stainless steel	■	8518558	8518559	8518579	8518580	8518601	8518602
	Technora® rope	■	8518564					
			Cable model weight	30.5 lbs. (13.8 kg)	32.5 lbs. (14.7 kg)	40 lbs. (18.4 kg)	43 lbs. (19.5 kg)	50 lbs. (22.6 kg)
			Technora® rope model weight	27 lbs. (12.2 kg)				53.5 lbs. (19.5 kg)

Power drive units require Overload Protection Clutch (8512936) — Not Included. Overload Protection Clutch used in conjunction with a drill for retrieving an entrant.

Salalift™ II Winch

Drive Type	Lifeline Type	Mounting Bracket	Winch Bag	50 ft. (15.2 m)	60 ft. (18 m)	90 ft. (27 m)	120 ft. (36.5 m)
Removable handle	Galvanized steel	■	■		8102001	8102009	8102005
	Stainless steel	■	■		8102003	8102011	8102007
	Technora® rope	■	■	8102050			
				Cable model weight	30.5 lbs. (13.8 kg)	32.5 lbs. (14.7 kg)	38.5 lbs. (17.5 kg)
				Technora® rope model weight	27 lbs. (12.2 kg)		



8549915

Extra Winch Bracket



8512936

Overload Protection Clutch

450 lbs. maximum working load.



8510207

Winch/SRL Adapter with Flat Back

Attaches 3M™ DBI-SALA® Winch/SRL to structures.



8516824

Quick-Release Mounting Bracket

For upper and lower masts.



1001210

Retrieval Wristlets

For upper and lower masts. Ideal for narrow extractions. D-ring at end x 2 ft. (0.6 m).

1001220 Attached with an O-ring at one end x 18 in. (0.46 m).



1231460

Y-Lanyard

Rescue/retrieval design ideal for use with harness incorporating D-rings. D-ring at center x 2 ft. (0.6 m).

1231470 Without spreader bar



8517567

Padded Carrying Bag

For digital winch.

3M™ DBI-SALA® Retrieval Self-Retracting Lifelines

3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifelines with Retrieval incorporate a concept that separates all dynamic components, including the motor spring and break, from foreign elements such as grease, moisture and dirt. The sealed design meets IP69K rating.

- Available with RSQ Dual-Mode Design—allows users to select either standard fall arrest mode or automatic descent mode.
- Available lengths ranging from 30 ft. (9.1 m) to 175 ft. (53.3 m).
- IP69K Sealed Rating.



**Retrieval
Sealed-Blok™
SRL**



**Retrieval
Sealed-Blok™
SRL - RSQ**

3M™ DBI-SALA® Ultra-Lok™ Self-Retracting Lifelines with Retrieval are engineered devices you can count on for safety, efficiency and comfort.

- Available in 50 ft. length.



**Retrieval
Ultra-Lok™
SRL**

3M™ DBI-SALA® Sealed-Blok™ vs 3M™ DBI-SALA® Ultra-Lok™

	Maximum Capacity	Maximum Lifeline Length	Lifeline Type			RSQ Available
			Technora® rope	Galvanized	Stainless steel	
Sealed-Blok™	420 lbs. (190.5 kg)	175 ft. (53.3 m)	■	■	■	■
Ultra-Lok™	310 lbs. (140.6 kg)	50 ft. (15.2 m)		■	■	

3M™ DBI-SALA® Retrieval Self-Retracting Lifelines

Cable Type	Sealed-Blok™	Sealed-Blok™ Without Bracket	Sealed-Blok™/ RSQ Without Bracket	Ultra-Lok™	30 ft. (9.1 m)	50 ft. (15.2 m)	55 ft. (16.8 m)	85 ft. (25.9 m)	130 ft. (39.6 m)	175 ft. (52.5 m)
Galvanized steel	■				3400853	3400923		3400871	3400976	
		■			3400850	3400920		3400870	3400975	3400660
			■			3400940		3400910		
				■		3501102				
Stainless steel	■				3400858	3400926		3400882	3400987	
		■			3400852			3400874	3400979	3400661
			■			3400942		3400912		
				■		3501103				
Technora® rope	■				3400840		3400843			



3401025

Mounting Bracket for Sealed-Blok™ Retrieval SRL

Fits most sizes of Sealed-Blok™ Retrieval SRL.

3M™ DBI-SALA® Self-Rescue Device

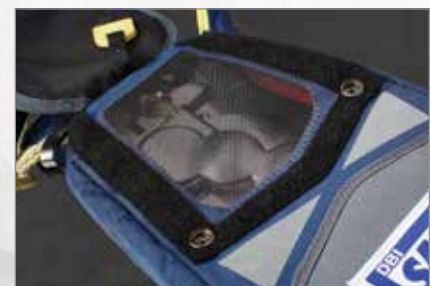
Work at height without worrying about hanging in your harness for an extended period of time after an arrested fall event. Instead of waiting for help, lower yourself to safety with the 3M™ DBI-SALA® Self-Rescue Device.

- 1 Easily Accessible Primary Release Cord**
- 2 Easy-Link SRL Adapter**
A connection point for your lanyards or personal SRLs.
- 3 Molded Padding**
Protects the bag from wear and tear.
- 4 Color-Coded and Reflective Elements**
Provides greater visibility.
- 5 Assisted-Rescue and 3M™ DBI-SALA® Rescue Pole**
Allows for remote access and deployment by a colleague.
- 6 50- and 100-Foot Lengths**
More flexibility and freedom to work at height.
- 7 30 Foot Training Version**
(See next page).



Virtually Universal Attachment

The Self-Rescue Device retrofits to virtually any safety harness.



Sealed Descent Device and Rope Spool

3M™ DBI-SALA® Self-Rescue Device



3320031

Self-Rescue 100

Height: 19 in., Width: 7 in.
Depth: 2.5 in., 100 ft. of 5.5 mm rope.



3320030

Self-Rescue 50

Height: 19 in., Width: 7 in.
Depth: 2.5 in., 50 ft. of 5.5 mm rope.



3320037

Self-Rescue Training Device

This 30-foot trainer device simulates a realistic fall rescue experience, allowing you to educate your team on the use of the product. It's easy to rewind the rope on-site, so you can train your team up to 20 times before recertification of the device will be required.

Height: 19 in., Width: 7 in.
Depth: 2.5 in., 30 ft. of 5.5 mm rope.



8900299

Rescue Pole

Kit includes bag, rescue pole, carabiner and tagline.

Bag length: 28.5 in.
Width: 6 in.
Depth: 2 in.
Weight: 2 lbs.
Pole extends to 8 ft. 8 in.



3M™ DBI-SALA® Dual-Mode Descent

Work and rescue with the same equipment with the built-in rescue operation of our dual-mode descent technology.

Fall arrest mode

A speed-sensing brake stops the fall, reduces forces imposed on the user to safe levels, and allows for assisted rescue via hand, by pole, or a traditional assisted rescue operation.



Automatic descent mode

A speed-sensing brake stops the fall, and a centrifugal brake instantly activates to lower the user at a controlled speed to the next level or ground.



Sealed-Blok™ RSQ Self-Retracting Lifelines

Stainless steel wire rope with swivel snap hook, RSQ dual-mode, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.

3400932 50 ft. (15.23 m)

3400886 85 ft. (25.5 m)

3400991 130 ft. (39 m)

Also available with galvanized cable and snap hook, please contact 3M Fall Protection.



Ultra-Lok™ RSQ Self-Retracting Lifelines

50 ft. (15.2 m) of 3/16 in. (5 mm) wire rope with swivel snap hook and RSQ dual-mode.

3504550 Galvanized Steel
Wire Rope

3504552 Stainless Steel
Wire Rope

3M™ DBI-SALA® Rollgliss™ R550 Rescue and Descent

1 Drill Adapter

Provides a mechanical option to raise a victim.

2 Cast Aluminum Housing

3 Bi-Directional Hub

Brings one hook up as the other goes down, for immediate use after each descent.

4 Anchorage

5 Integrated Rope Ears

Greater descent speed control in assisted rescues.

6 Dual Brakes

Added security, safety and peace of mind.

7 Durable Rope

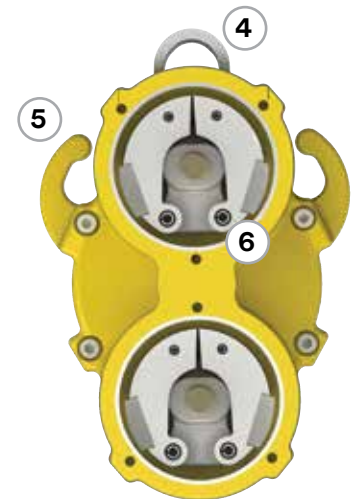
3/8 in. (9.5 mm) Static Kernmantle Rope.

8 Lifeline Hook

Patented Self-Locking Snap Hook.



Drill adapter



Multiple Length Options

Lengths between 50 ft. (15 m) and 500 ft. (152 m)

Two-Person Capacity

Can be used from heights up to 1,640 ft. (500 m) for one user at 310 lbs. (141 kg) or 575 ft. (175 m) for two users totaling 620 lbs. (282 kg)

Optional Ladder Bracket

Sold separately—3320014.

3M™ DBI-SALA® Rollgliss™

R550 Rescue Units

Includes carabiner (two), 4 ft. (1.22 m) anchor sling and rope bag.

Selection guide:

Part #	Length
3327050	50 ft. (16 m)
3327100	100 ft. (31 m)
3327150	150 ft. (46 m)
3327200	200 ft. (61 m)
3327275	275 ft. (84 m)
3327300	300 ft. (92 m)
3327325	325 ft. (100 m)
3327350	350 ft. (107 m)
3327400	400 ft. (122 m)
3327450	450 ft. (137 m)
3327500	500 ft. (153 m)



3M™ DBI-SALA® Rollgliss™

R550 Escape Units

Includes carabiner (two), 4 ft. (1.22 m) anchor sling.

Selection guide:

Part #	Length
3325100	100 ft. (31 m)
3325200	200 ft. (61 m)
3325300	300 ft. (92 m)
3325400	400 ft. (122 m)
3325500	500 ft. (152 m)



3M™ DBI-SALA® Rollgliss™

R550 Rescue Units with Case

Includes edge protector, 4 ft. (1.22 m) anchor sling (two), 2.5 ft. (0.76 m) anchor sling, pulley, rope grab, carabiner (three), rope bag and humidity case.

Selection guide:

Part #	Length
3326100	100 ft. (31 m)
3326300	300 ft. (92 m)
3326350	350 ft. (107 m)



9508289

9506162

Rope Bag



3620005

Anchoring Sling

4 ft. (1.22 m)



3620004

Anchoring Sling

2.5 ft. (0.76 m)



3320003

Edge Protector with Carabiner



9504733

Pulley



8900298

Rescue Pole



8900293

Rescue Pole Hook for Hot Stick



3320014

Ladder Bracket



9508289

Humidity Case

Fully sealed case provides 10 year minimum storage life. External humidity indicator allows user to inspect the seal without opening case.



2000112

Carabiner

11/16 in. (1.75 cm) gate.



2000041

Carabiner

2-1/8 in. (5.38 cm) gate.



3M™ DBI-SALA® Rollgliss™ R350 Rescue and Descent Positioning Device

8902004

Rollgliss™ R350 Rescue System

50 ft. travel/200 ft. of
3/8 in. rope (15.2 m/61 m),
3:1 ratio with pulleys, rope
control device, anchor
strap, carabiner and
carrying bag.

8902006

Rollgliss™ R350 Rescue System

100 ft. travel/400 ft.
of 3/8 in. rope (30.5 m/
122 m), 3:1 ratio with
pulleys, rope control
device, anchor strap,
carabiner and carrying bag.

*Other lengths available in 10 ft.
(3 m) increments. Accessories
including 2:1, 4:1 and 5:1 pulleys
are available.*



Rollgliss™ Rescue Positioning Device

Service buildings, bridges and dams with this versatile rescue positioning device. It features a speed-sensing lock that allows you to manually lock off the device once you reach a work level. It serves both as a rescue system and has features for raising, lowering and positioning during normal work activities.

- Pre-rigged for quick and easy installation and use.
- No special tools, power source or extensive skills needed.
- Built-in brake.
- Lock-out mechanism allows user to stop/start anywhere.

3602050

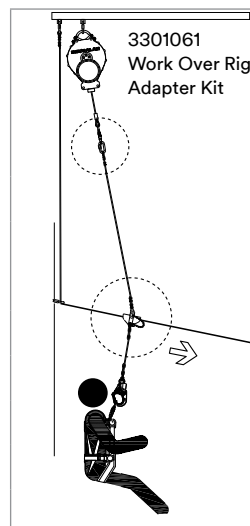
Rollgliss™ Rescue Positioning Device

50 ft. travel/260 ft. of 3/8 in. rope (15.25 m/79.3 m),
4:1 ratio with pulleys, rope anchor straps, two carabiners
and carrying bag.

3602100 100 ft. travel/510 ft. (30.5 m/155.5 m)

3M™ DBI-SALA® Rollgliss™ Descender

Make a quick and safe escape. Either vertical or sloped descent models are available to provide complete versatility and flexibility for any job site or work environment.



Descent type	Lifeline material	Low or high speed	115 ft. (35 m)	200 ft. (61 m)
Vertical	Galv	Low	3303000	–
		Low	–	3303017
	SS	Low	3303002	–
		Low	–	3303018
Sloped	Galv	Low	3303001	3303021
		High	–	3303015
	SS	Low	3303003	3303019
		High	–	3303016

Sloped low speed models also include linkage, guide cable sleeve and suspension bars. Sloped high speed models include linkage, braking trolley and suspension bars.

3M™ DBI-SALA® Rollgliss™ Systems

8900292

Rollgliss™ R250 Rescue Kit

Enables the rescuer to remove a person from danger without putting themselves at risk by descending to them.

- 33 ft. (10 m) travel length.
- Transported in backpack-style bags.

8900293 Rollgliss™ Rescue Kit with 66 ft. (20 m) travel length.

8900294 Rollgliss™ Rescue Kit with 99 ft. (30 m) travel length.



3601490

Rollgliss™ Sealed Tension Limiter

Attaches to man-riding system in-line between the person and the raising/lowering line to warn operator and limit forces on an entangled worker.

Always use a separate back-up fall protection device with this system.



8516294

Rollgliss™ Rescue Ladder

Provides a way to assist rescue after a fall has occurred. It can be anchored to a structure and dropped to the victim, so they can climb up or down to safety.

- Available in 8 ft. (2.4 m) sections.
- Extra sections can be added.
- Includes three carabiners for attachment.
- For use with Rollgliss™ Rescue Ladder Anchor (8516316).



8516316

Rollgliss™ Rescue Ladder Anchor

For mounting rescue ladder to a davit arm or single anchorage point.

- For use with Rollgliss™ Rescue Ladder (8516294).



Safety training with true value.



Protect your people. Protect your business.

All around the world, we bring expertise to education development, delivery and management. Our training focuses on education, knowledge and principles. No matter your location or industry, application, gear or requirement, you and your workers will benefit from our content and delivery methodologies.

Our vision:

Training that protects people, improves lives and enhances productivity.

Our mission is ensuring every single worker we train receives the critical knowledge and skill development they need for their industry in a way that's relatable and understandable to them.

Our instructors use our structured curriculum—with their individual style—and your situations and environment to create the best overall experience possible.

What's the 3M difference?



There's a broad spectrum of safety training offerings, so it's critical to dig deeper to ensure that you get the quality up-to-date training that you require. Here's what you can expect with 3M Safety Training:

Dedicated Instructors

It's not enough to just know the rules or know the gear. Our instructors have strong technical, industry and teaching backgrounds so they know how to make training knowledge real and relevant to each person they train.

Instructor-Led Courses

Fall protection. Confined spaces. Rescue. Just about anywhere the job takes you, we've got relevant courses that educate on the standards, practical applications and hands-on exercises to make it all "stick" with students.

Certified Instructor Program

For some organizations, it's more sensible to "train a new trainer," so you can invest in a dedicated, trained employee and have the ability to continuously train employees throughout the year on an as-needed basis.

Regulatory Standards Compliance

We don't just follow the rules—some of our team actively advise and contribute to the development of them. Our technical understanding and adherence to all relevant safety standards in every region allows us to help guide and clarify them for you and your team.

World-Class Training Centers, On-Site Delivery, or Virtual Instructor-Led Training

With dedicated training facilities across the U.S. and Canada, to virtual studios that deliver select programs with virtual instructor-led training, as well as on-site instructor-led training capabilities, 3M Safety Training is right where you need it to be.

Broad Employee Appeal

As students of science, we never stop learning—and you shouldn't either. Whether you're upper management, a foreman, supervisor, safety specialist or front line worker, we have training solutions that can teach you valuable insights you won't soon find anywhere else.

Ready for training with true value?

Visit [3M.com/SafetyTraining](https://www.3m.com/SafetyTraining) to learn more.

**Protecting People.
Improving Lives. Enhancing Productivity.**

Six customer value drivers. Each leveraging the 3M Science of Safety.



Industry
Experience



Hazard
Awareness



Regulatory
Knowledge



Innovative
Technologies



Quality
Products



Education &
Training

A close-up photograph of a worker's legs and torso. The worker is wearing blue jeans and a safety harness. A large black bag with a yellow base is attached to the harness. The bag has a red 3M logo, a white DBI-SALA logo, and a white label that reads "#BKT-100HLC" and "MAX LOAD: 100lb". The worker is standing on a red metal grate. The background shows a construction site with green trees and a clear blue sky.

Aiming for a
zero-drop policy.

Protecting workers takes more than just keeping them from falling.

From construction sites to oil rigs, 3M™ DBI-SALA® Fall Protection for Tools helps work environments stay safe by reducing falling object incidents that can result in personal injury, equipment damage, and tool loss.
ANSI/ISEA 121-2018

Certified and tested.

Our drop prevention solutions are designed with the craft in mind, and are third-party tested in the harshest possible conditions—extreme heat, cold, moisture, corrosion and abrasion. We conduct dynamic and static strength tests, both in the field and in our ISO 9001-certified manufacturing facilities to ensure you get high quality and reliable fall protection for tools.

F

Fall Protection for Tools

3M™ DBI-SALA® Attachment Points

D-Rings

- D-rings can be attached to tools under 5 lb (2.3 kg) or 2 lb (0.9 kg) using our Quick-Wrap Tape (see page 47).
- Dual D-rings allow for 100% tool tie-off during tool transfers.



Selection guide:

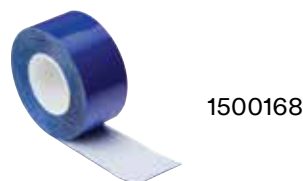
Part #	Description	Load rating	Quantity	Non-conductive
1500003	D-ring 0.5" x 2.25" (1.3 cm x 5.7 cm)	2 lb (0.9 kg)	10 Pack	No
1500004	D-ring 0.5" x 2.25" (1.3 cm x 5.7 cm)	2 lb (0.9 kg)	100 Pack	No
1500005	D-ring 0.5" x 2.25" (1.3 cm x 5.7 cm) non-conductive	2 lb (0.9 kg)	10 Pack	Yes
1500006	D-ring 0.5" x 2.25" (1.3 cm x 5.7 cm) non-conductive	2 lb (0.9 kg)	100 Pack	No
1500007	D-ring 1" x 3.5" (2.5 cm x 8.9 cm)	5 lb (2.3 kg)	10 Pack	No
1500008	D-ring 1" x 3.5" (2.5 cm x 8.9 cm)	5 lb (2.3 kg)	50 Pack	No
1500001	Dual D-ring small	2 lb (0.9 kg)	10 Pack	No

Quick-Wrap Tape

- 1" (2.5 cm) wide tape conforms to the shape of whatever it is applied to.
- Used with our D-Rings and Tool Cinch Attachments to create tethering points on tools.
- Made from a self-fusing silicone rubber that leaves no adhesive or residue behind.
- Inner fiberglass webbing increases the strength of the tape and makes the tape resistant to sharp objects.

Selection guide:

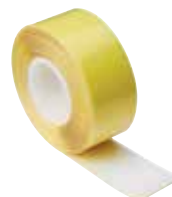
Part #	Description	Quantity	Length
1500174	Quick wrap, yellow	1	108" (274.3 cm)
1500175	Quick wrap, yellow	10	108" (274.3 cm)
1500168	Quick wrap, blue	1	108" (274.3 cm)
1500169	Quick wrap, blue	10	108" (274.3 cm)
1500171	Quick wrap, blue, 2x length	1	216" (548.6 cm)
1500172	Quick wrap, blue, 2x length	10	216" (548.6 cm)



1500168



1500171



1500174

3M™ DBI-SALA® Attachment Points

Tool Cinch Attachments

- Tool Cinch Attachments feature a cinch design that allows users to secure equipment up to 35 lb (15.9 kg) or 80 lb (36.3 kg).
- Stabilization wings can be used to keep Tool Cinch Attachments in place using our Quick-Wrap Tape.

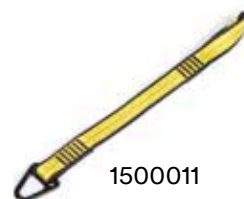
Selection guide:

Part #	Description	Load rating	Stabilization wings
1500015*	V-Ring attachment point, stabilization wing	35 lb (15.9 kg)	2
1500016	V-Ring attachment point, stabilization wing	35 lb (15.9 kg)	2
1500013*	V-Ring attachment point, stabilization wing	35 lb (15.9 kg)	1
1500014	V-Ring attachment point, stabilization wing	35 lb (15.9 kg)	1
1500011*	V-Ring attachment point, stabilization wing	35 lb (15.9 kg)	None
1500012	V-Ring attachment point, stabilization wing	35 lb (15.9 kg)	None
1500017	V-Ring attachment point, stabilization wing	80 lb (36.3 kg)	2
1500018	V-Ring attachment point, stabilization wing	80 lb (36.3 kg)	2

*Patent pending



1500013



1500011



1500015

1500009

D-Ring Cord

- Cinches to tools weighing up to 5 lb (2.3 kg).
- Pass the loop end of a D-Ring Cord through a pre-drilled hole or closed handle to create an attachment point.
- Comes in a pack of 10.



3M™ DBI-SALA® Tethers

Bungee Tethers

Our bungee tethers are third-party load rated and thoughtfully designed to prevent dropped objects.



Part #	Description	Load rating	Length (relaxed)	Length (stretched)
1500047	Hook2Loop Bungee Tether	15 lb (4.5 kg)	32" (81.3 cm)	47" (119.4 cm)
1500048	Hook2Loop Bungee Tether (10 pack)	15 lb (4.5 kg)	32" (81.3 cm)	47" (119.4 cm)
1500049	Medium-Duty Hook2Loop Bungee Tether	35 lb (15.9 kg)	31" (78.7 cm)	52" (132.1 cm)

Coil Tethers

Easy to clean and out of the way—exactly what a tether should be. The lightweight vinyl construction and compact design of our Coil Tethers makes them an ideal alternative to classic bungee tethers.



1500159
Hook2Hook Coil Tether with Swivel

- Compact design stays close to the body
- 5 lb (2.3 kg) load rating



1500065
Hook2QuickRing Coil Tether with Tail

- Use with hammers and other long-handled tools
- Available as a combo with our Hammer Holster
- 2 lb. (0.9 kg) load rating



1500178
Hard Hat Tether

- Simple installation and removal
- Patented clip holds stronger when force is applied to it
- 4 lb. (1.8 kg) load rating

3M™ DBI-SALA® Tool Lanyards



1500050
Medium-Duty Hook2Loop Lanyard

- Features an aluminum double-action twist-lock carabiner to help prevent accidental openings
- Works well with medium-duty tool cinch
- 35 lb (15.9 kg) load rating
- 72" (182.9 cm) length



1500052
Heavy-Duty Hook2Rail Lanyard

- Features an aluminum double-action twist-lock carabiner to help prevent accidental openings
- Large double-action twist-lock rail carabiner
- Works well with heavy-duty tool cinch
- 80 lb (36.3 kg) load rating
- 72" (182.9 cm) length

3M™ DBI-SALA® Single and Dual Tool Holsters



Hook2Loop Bungee Tethers and other attachment points sold separately.

- Single and Dual Tool Holsters are equipped with D-rings that are load rated for 5 lb (2.3 kg).
- Several variants of these holsters come with Retractors (indicated below). Retractors are load rated for 1-1/2 lb (0.7 kg).
- Single and dual tool holsters feature High-Visibility Reflectors and the Magnetic Tool Staging System.
- A bottom drain vent allows the holster to perform even in wet conditions.

Selection guide:

Part #	Description	Retractors included	Attachment
1500104*	Single Tool Holster with Retractor	1x	Harness
1500102*	Single Tool Holster with Retractor	1x	Belt
1500105*	Extra-Deep Single Tool Holster	None	Belt
1500108	Dual Tool Holster	None	Harness
1500109*	Dual Tool Holster with Retractors	2x	Harness
1500106	Dual Tool Holster	None	Belt
1500107*	Dual Tool Holster with Retractors	2x	Belt

*Patent pending

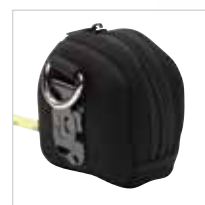
1500098

Tape Measure Holster with Retractor

- Designed to be used with a tape measure, or the optional tape measure sleeve, allowing tape measures to be safely tethered and holstered.
- Includes a Retractor.
- The tape measure sleeve conforms to the size of most tape measures.
- Features High-Visibility Reflectors.

1500099 Tape Measure Sleeve

1500100 Tape Measure Holster with Retractor and Sleeve Combo



Back of holster



1500099

Patent pending

F

Fall Protection for Tools

3M™ DBI-SALA® Tool Holsters

1500165

Large Tape Measure Sleeve

- Compliment to existing 25' Tape Measure Sleeve.
- Provides a solution for most large tape measures used on a job site.



1500095

Pouch Holster with Retractor

- Quickly holster tape measures and other small tools.
- Includes a Retractor.



Patent pending

1500096

Scaffold Wrench Holster with Retractor

- Quickly holster scaffold wrenches while working at height.
- Features High-Visibility Reflectors.

1500097 Scaffold Wrench Holster with Retractor and Hook2Loop Bungee Tether



Patent pending



Back of holster features pouch for Safety Retractor 1500069. Rear feed system allows retractor to tie off a scaffold wrench while staying out of the way.

1500093

Hammer Holster

- The Hammer Holster allows for the safe holstering of most hammers under 5 lb (2.3 kg).
- D-ring on the side of the holster is load rated for 5 lb (2.3 kg).
- The 1500094 combo comes with a 1500065 Hook2Quick Ring Coil Tether that is specially designed for use with the Hammer Holster. The Hook2Quick Ring Coil Tether is load rated for 2 lb (0.9 kg).
- During transport, the Hammer Holster can be locked shut with a hook and loop strap. While being used, the strap can be locked up allowing for easy hammer access and holstering.

1500094 Hammer Holster & Hook2Quick Ring Coil Tether



Patent pending

Top: Hammer Holster is locked, preventing hammer from slipping out.

Bottom: Hammer Holster is unlocked, making it suitable for active use.

3M™ DBI-SALA® Tool Holsters



1500090

Battery Holster/Sleeve

- Unique sleeve design conforms to the size of most drill batteries.
- Sleeve is cinched to the drill, allowing the drill to be tethered off while being used at height.
- 10 lb. (4.5 kg) load rating.



Can be worn from a belt or harness.

Patent pending



1500088

1500060

1500088

Adjustable Radio Holster

- Holster adjusts to fit most hand-held radios, cell phones, and many other devices.
- Can be worn from belt or harness.
- A Micro D-Ring can be placed on the back of a device, and can then be tethered to a D-ring on the front of the Adjustable Radio Holster using a 1500065 Clip2Loop Coil Tether.

1500089 Adjustable Radio Holster, Clip2Loop Coil Tether and Micro D-Ring

3M™ DBI-SALA® Tool Pouches



1500132

Utility Pouch

- Features two outside pockets for storing spud wrenches and two inner pockets for storing additional tools.
- Tools can be tethered to D-rings on the inside and outside of the pouch.
- Adjustable side-release closure system helps prevent objects from falling out when the pouch isn't being used.

1500130 Utility Pouch with Zipper Closure



1500119

Small Parts Pouches

- Self-closure system traps objects inside, making it nearly impossible for objects to fall out once placed in the bag.
- Easy to retrieve objects since no opening or closing is necessary.
- Compatible with most tool belts; belt loops located on back of pouch.

Part #	Description
1500123	Small Parts Pouch, extra deep canvas black
1500121	Small Parts Pouch, canvas orange
1500120	Small Parts Pouch, canvas camo
1500122	Small Parts Pouch, vinyl yellow
1500119	Small Parts Pouch, canvas black

3M™ DBI-SALA® Safe Buckets

With an integrated closure system that helps prevent dropped objects, these Safe Buckets are designed to be the perfect companion for workers at height carrying heavy loads.

1500134

Standard Safe Bucket

- Built-in connection points.
- Canvas version is load rated for 100 lb (45.4 kg), and vinyl load rated for 250 lb (113.4 kg).
- Integrated carabiner and hoisting strap.
- Durable material helps prevent punctures.



1500134



1500140

Selection guide:

Part #	Load rating	Closure system	Body material	Height/diameter	Capacity
1500134	100 lb (45.4 kg)	Hook and loop	Canvas	15"/12.5" (38 cm/31.75 cm)	1840 in. ³ (4673.6 cm ³)
1500133	100 lb (45.4 kg)	Drawstring	Canvas	15"/12.5" (38 cm/31.75 cm)	1840 in. ³ (4673.6 cm ³)
1500140	250 lb (113.4 kg)	Hook and loop	Vinyl	15"/12.5" (38 cm/31.75 cm)	1840 in. ³ (4673.6 cm ³)
1500139	250 lb (113.4 kg)	Drawstring	Vinyl	15"/12.5" (38 cm/31.75 cm)	1840 in. ³ (4673.6 cm ³)



Closure systems

Every Safe Bucket features either a unique drawstring or a locking hook and loop closure system that acts as an extra layer of spill-protection during transport and lifting. Colourful indicator tabs provide quick visual cues to indicate whether the bucket is in lockdown mode or easy-access mode.



1500141

Hard-Body Safe Bucket Insert

- Converts a standard soft-body Safe Bucket into a hard-body Safe Bucket.
- Our reusable hard-body Safe Bucket insert keeps your Safe Bucket standing upright, making it easier to stage tools and stay productive.
- Integrated inner pockets allow tools to be holstered and organized quickly.

Additional Information

⚠WARNING

Compliant fall protection and emergency rescue systems help prevent serious injuries associated with fall events. Users must read and understand the User Instructions provided with the product, and must be properly trained by their employers in the safe use of these systems before using them, per OSHA 1910.140 and 1926.503 or applicable local standards. Misuse or failure to follow warnings and instructions may result in serious personal injury or death. For proper use, see supervisor, User Instructions, or call 800-328-6146 (Opt. 1).

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3M Fall Protection

3833 SALA Way
Red Wing, MN 55066 USA

Phone 800.328.6146

Email 3mfallprotection@mmm.com

Web 3M.com/FallProtection

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