



3M Science.
Applied to Life.™

Fall protection for the metal industry



Icons key

Harness



chest



leg



pass
through
buckle

Lanyard



dimension



material:
steel



material:
aluminium

Self-retracting lifelines



connector
material



carabiner



scaffold
hook



rebar
hook



lifeline
material



load rating
/ capacity



twin leg

General



material:
steel



material:
aluminium



certification
(value)



kilogrammes



quantity



dimension

Delta™ Fall Arrest Harness



Fall Protection

The Delta™ high temperature harness is constructed from webbing with a Nomex® outer and a Kevlar® core. The webbing has a 425°C char temperature resistance level. This innovative webbing is as flexible and soft to the touch as any traditional webbing. The harness also incorporates the Delta™ patented No-Tangle™ triangular frame that allows the harness to easily fall into place when donned and increases comfort during use. Also incorporates covered labels.

Typical applications

- ▶ Welding
- ▶ Foundry/casting
- ▶ Grinding
- ▶ Hot environments

Features and benefits:

- ▶ Nomex®/Kevlar® webbing for flame, heat and cut resistance
- ▶ Harness incorporates Delta No-Tangle™ design for added comfort and easy donning
- ▶ Simple and quick to fit and adjust
- ▶ Adjustable rear fall arrest attachment point
- ▶ Adjustment on chest, shoulders and legs
- ▶ Individual serially numbered



Specifications:

Webbing

- ▶ 45mm width, Nomex® Kevlar®
- ▶ Tensile strength >3000 daN
- ▶ High char temperature = 425°C

Thread

- ▶ 100% Kevlar® - High char temperature = 425°C

D-ring

- ▶ Tensile strength >2200 daN, Heat treated alloy steel, yellow zinc plating finish

Buckles

- ▶ Tensile strength >1750 daN - Heat treated alloy steel, yellow zinc plating finish

Net weight : 1280g

Certification: CE EN361

Nano-Lok™ Self-Retracting Lifeline (SRL) for hot work use



The first ever self-retracting lifeline designed for welding, grinding and high heat applications.

Durable

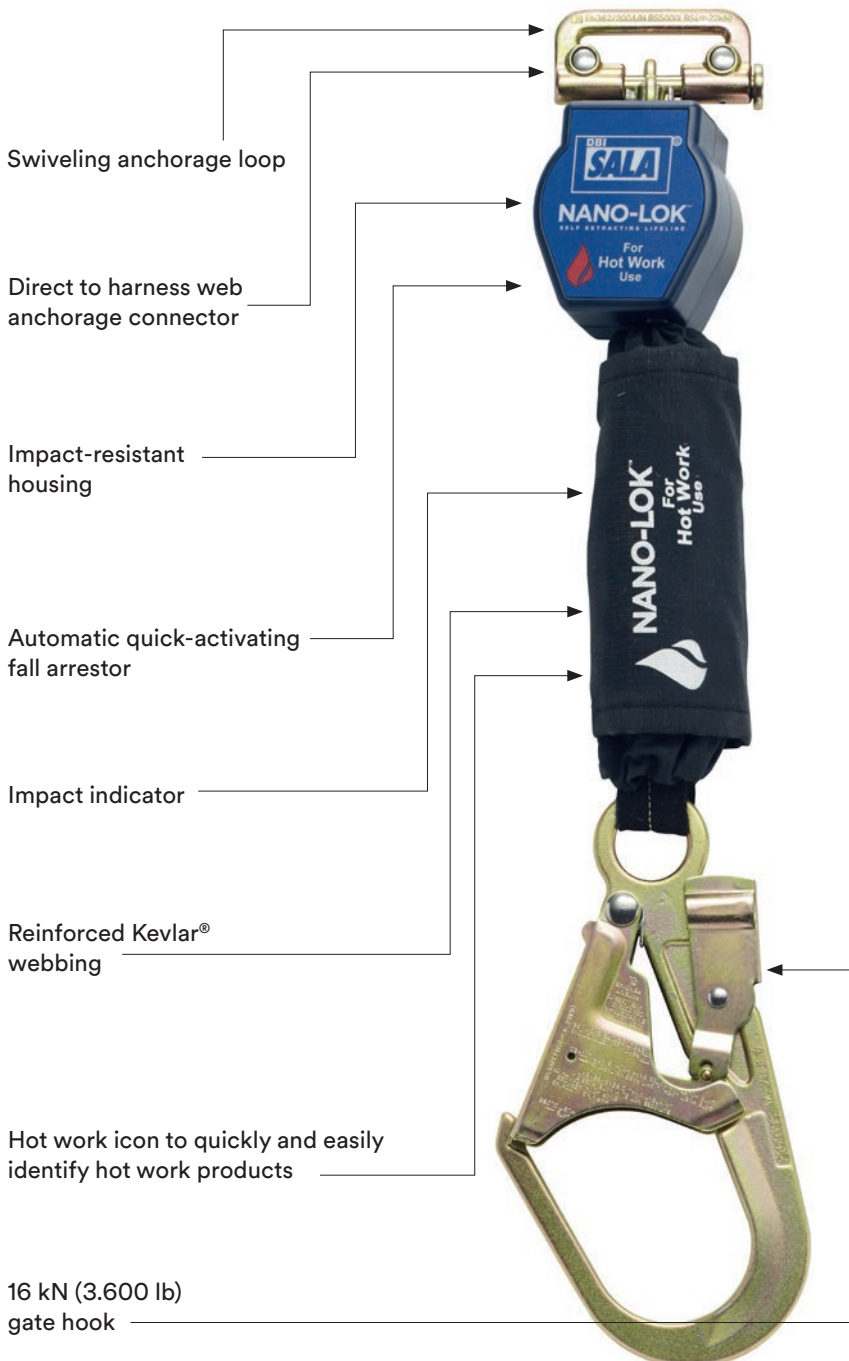
Reinforced webbing with Nomex®/Kevlar® fiber to withstand sparks, weld splatter and other high heat exposure.

Versatile

5 different Nano-Lok™ configurations, single and twin-leg, that can be connected at foot level to meet your specific needs.

Safe

Arc flashed to 8 calories (8 cal/cm²), for hot work use in applications like welding, grinding and torching. Meets or exceeds industry standards. CE EN360:2002.



Specifications:

- ▶ Reinforced webbing with Nomex® / Kevlar® fiber*. Resist to sparks and weld splatters. Arc-flashed resistant to 8 cal / cm²
- ▶ Capacity: 140 kg
- ▶ Connection level: Can be connected at foot level
- ▶ Length = 2 m
- ▶ Certification: CE EN360 : 2002

Nano-Lok™ SRL for hot work use



Fall Protection



Nano-Lok™ for hot work

- ▶ 3101521
- ▶ Single-Leg
- ▶ Steel Snap Rebar hook
- ▶ 63 mm opening
- ▶ 1.6 kg – 2 m



Nano-Lok™ for hot work

- ▶ 3101522
- ▶ Single-Leg
- ▶ Alum. Snap Rebar hook
- ▶ 57 mm opening
- ▶ 1.5 kg – 2 m



Nano-Lok™ for hot work

- ▶ 3101523
- ▶ Single-Leg
- ▶ Steel Snap hook
- ▶ 19 mm opening
- ▶ 1.6 kg – 2 m



Nano-Lok™ for hot work

- ▶ 3101525
- ▶ Twin-Leg
- ▶ Alum. Snap Rebar hook
- ▶ 57 mm opening
- ▶ 3.2 kg – 2 m



Nano-Lok™ for hot work

- ▶ 3101524
- ▶ Twin-Leg
- ▶ Steel Snap Rebar hook
- ▶ 63 mm opening
- ▶ 3.1 kg – 2 m

Pro™ Welders Harness



The Protecta® Pro™ Welders Harness is specifically designed to resist the potential heat damage experienced in welding applications.

Featuring highly durable heat resistant and flame retardant Modacrylic over Kevlar® webbing and a lightweight design providing the ideal body support solution for welding at height.



5 points of adjustment

- ▶ Perfectly adapts to your body
- ▶ Greater comfort and enhanced safety

Torso adjusters

- ▶ Simple pull down adjustment
- ▶ Spare webbing stored in hip strap

Modacrylic Kevlar® webbing

- ▶ Heat resistant and flame retardant
- ▶ 370°C Char temperature

Pass through steel buckles

- ▶ Simple, safe and fast connection



Large rear D ring

- ▶ Easier to connect
- ▶ Reduced risk of roll out

Fall indicators

- ▶ Easy inspection, enhanced safety

Label pouch

- ▶ Protects identification labels



Pro™ Welders Harness

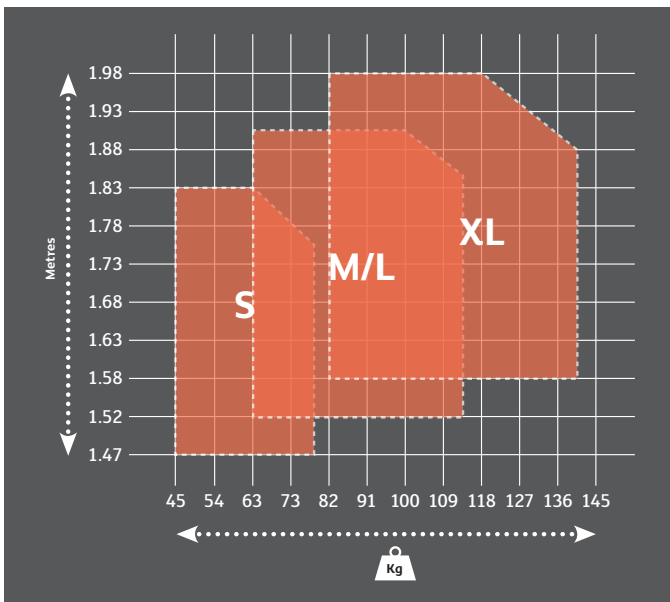


Pro™ Welders Harness

	←····→			
AB11313K	M/L	(PT)	(PT)	1.30
AB11314K	XL	(PT)	(PT)	1.40

Pro™ Welders Harness

	←····→			
AB10213K	M/L	(PT)	(PT)	1.30
AB10214K	XL	(PT)	(PT)	1.40



Specifications:

- ▶ Webbing: Modacrylic over Kevlar®, 45 mm
- ▶ Stitching: High strength Kevlar® thread
- ▶ Breaking Strength: > 2600daN
- ▶ Buckles: High strength zinc-plated steel pass through
- ▶ D rings: Zinc plated wrought steel
- ▶ Certification: CE EN361

Suspension trauma safety straps - fire resistant

9505712	
	0.14

Suspension trauma safety straps, one pair, fire resistant, attaches to most harnesses.

Pro™ Welders Lanyards



Fire and sparks are a major concern in jobs such as welding, cutting, electrical maintenance and other high temperature applications.

Keeping safe requires special materials to resist these hazards.

The Welders range is specifically designed to resist the potential heat damage experienced in these applications.

Featuring highly durable heat resistant & flame retardant Modacrylic over Kevlar® webbing and a lightweight design providing the ideal solutions for welding at height.

Resistant

- ▶ Heat and char resistant shock pack cover that slips over shock pack, heat resistant up to 371°C
- ▶ Reinforced webbing with Nomex®/Kevlar® fiber to protect shock pack from getting burned

Safe

- ▶ Weight capacity: 100 kg
- ▶ Scaffolding hook: 23 kN

- ▶ Oval carabiner: 25 kN
- ▶ Certification: CE EN355:2002

Ergonomic

- ▶ 8 different configurations, single and twin leg, that can be connected at foot level to meet your specific needs
- ▶ Lightweight design to improve comfort



Pro™ Welders Single Leg Shock Absorbing Lanyard With Scaffolding Hook

- ▶ Single leg with Kevlar® webbing, with AJ514 steel twist lock carabiner 17 mm opening and AJ595 steel scaffold hook 50 mm opening
- ▶ **AE5215KBF**
Single leg shock absorbing lanyard with scaffolding hook 1.5 m
- ▶ **AE5220KBF**
Single leg shock absorbing lanyard with scaffolding hook 2 m



Pro™ Welders Single Leg Shock Absorbing Lanyard With Steel Carabiner Twist Lock

- ▶ Single leg with Kevlar® webbing, with 2 AJ514 steel twist lock carabiner 17 mm opening
- ▶ **AE5215KBB**
Single leg shock absorbing lanyard with twist lock carabiner 1.5 m
- ▶ **AE5220KBB**
Single leg shock absorbing lanyard with twist lock carabiner 2 m



Pro™ Welders Twin Leg Shock Absorbing Lanyard With Scaffolding Hook

- ▶ Twin leg with Kevlar® webbing, with AJ514 steel twist lock carabiner 17 mm opening and 2 AJ595 steel scaffold hooks 50 mm opening
- ▶ **AE5315KBF**
Twin leg shock absorbing lanyard with scaffolding hook 1.5 m
- ▶ **AE5320KBF**
Twin leg shock absorbing lanyard with scaffolding hook 2 m



Pro™ Welders Twin Leg Shock Absorbing Lanyard With Steel Carabiner Twist Lock

- ▶ Twin leg with Kevlar® webbing, with 3 AJ514 steel twist lock carabiner 17 mm opening
- ▶ **AE5315KBB**
Twin leg shock absorbing lanyard with twist lock carabiner 1.5 m
- ▶ **AE5320KBB**
Twin leg shock absorbing lanyard with twist lock carabiner 2 m

3M™ Nano-Lok™ Edge Cable Self-Retracting Lifeline – the zero radius edge rated SRL

Nano-Lok Edge is specifically designed for foot level tie-off and sharp edge applications often found in construction. It is ergonomically designed for ease-of-use and is ideal for direct connection to most harnesses. The extremely compact and lightweight design is virtually unnoticeable on your back, staying out of the worker's way and making it ideal as a lanyard replacement. Whether your application requires single or twin leg configurations, mounting to an overhead anchor or for connection directly to harness, there are numerous models to choose from to suit almost any application. Nano-Lok locks quickly – stopping a fall within inches – providing more protection at low heights. In addition, tension is always kept on the lifeline, which reduces dragging, snapping and trip falls. Both features are key safety improvements.



Dedicated foot level tie-off

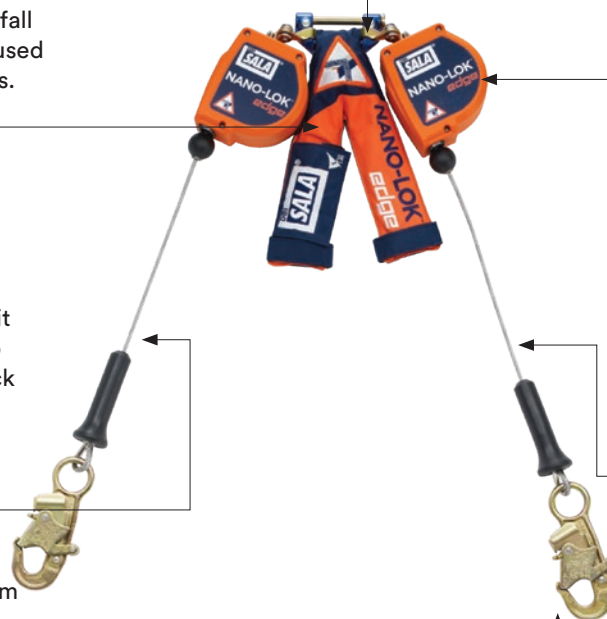
- ▶ Dedicated design minimises fall forces, auto retraction of unused lifeline minimises trip hazards.

Integrated back-pack style energy absorber

- ▶ Works with connector to limit fall forces, for extreme sharp edge performance. Back pack design stays tight, evenly disperses weight.

Designed to meet sharp edge standards

- ▶ Cable - Galvanised steel 5 mm lifeline - Extreme sharp edge protection - Certification: CE EN360:2002 & standard requirements of VH11.60 rev 7.
- ▶ Web - High-resistance web 20 mm Dyneema® web makes lightweight and extreme resistance performance possible.



Easy-fit connector

- ▶ 360° rotation, full integration with energy absorber, frees D-Ring for other equipment.

Impact-resistant housing

Lightweight but extremely durable.

141 kg weight capacity

- ▶ Ultimate jobsite flexibility to accommodate users who carry more equipment.

Galvanised steel 5 mm Lifeline

- ▶ Extreme sharp edge protection.

Multiple hook options

- ▶ Configure to your unique requirements.

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



	←→	🔗	🔗	🔗	🔗	🏋️
3500245	2.4 m		🔗	Ⓢ	19 mm	1.30
3500242	2.4 m	■	🔗	Ⓢ	19 mm	3.28

Nano-Lok Edge Tested Cable SRL



	←→	🔗	🔗	🔗	🔗	🏋️
3500224	2.4 m		🔗	Ⓐ	19 mm	1.70
3500239	2.4 m	■	🔗	Ⓐ	19 mm	2.49

Nano-Lok Edge Tested Cable SRL



	←→	🔗	🔗	🔗	🔗	🏋️
3500243	2.5 m		🔗	Ⓐ	63.5 mm	1.30
3500240	2.4 m	■	🔗	Ⓐ	63.5 mm	2.81

Nano-Lok Edge Tested Cable SRL



	←→	🔗	🔗	🔗	🔗	🏋️
3500244	2.4 m		🔗	Ⓐ	57 mm	1.46
3500241	2.4 m	■	🔗	Ⓐ	57 mm	2.49

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



CE
EN360

	←····→					
3101430	2.4 m			(A)	19 mm	1.30
3101440	2.4 m	■		(A)	19 mm	2.22

Nano-Lok Edge Tested Web SRL



CE
EN360

	←····→					
3101432	2.5 m			(A)	63.5 mm	1.70

Nano-Lok Edge Tested Web SRL



CE
EN360

	←····→					
3101433	2.5 m			(A)	57 mm	1.30
3101443	2.5 m	■		(A)	57 mm	2.22

Best Seller
3101433

Nano-Lok Edge Tested Web SRL



CE
EN360

	←····→					
3101436	2.4 m			(S)	19 mm	1.46



Fall Protection

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



CE
EN360

	↔	🔗	🔗	🔗	🔗	📊
3101448	2.5 m	■	🔗	Ⓢ	63.5 mm	3.22

Nano-Lok Edge Tested Web SRL



CE
EN360

	↔	🔗	🔗	🔗	🔗	📊
3101435	2.4 m		🔗	Ⓢ	50 mm	1.63
3101445	2.4 m	■	🔗	Ⓢ	50 mm	2.88





Fall Protection

The science of fighting gravity

Protecting workers takes more than just keeping them from falling. Their equipment also needs to be kept safe at height. That's why for over 10 years, we've been pioneering an innovative line of products and solutions to prevent dropped tools and equipment. We help make work environments safer and more productive by protecting workers from hazards that can result in personal injury, equipment damage and tool loss.



Hard Hat Tether

- ▶ Hard Hat Tether utilises a compact coil design that keeps the lanyard out of the way of the user and is easy to clean

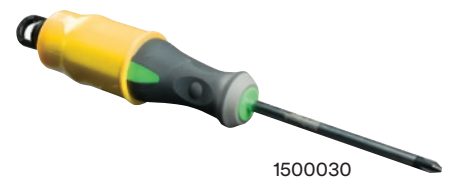
	Description				
1500061	Hard Hat Tether	10	0.9kg (2lbs)	10.2cm (4")	86.4cm (34")

3M™ DBI-SALA® Quick Spins



Patented

	Description		
1500027	Small 1.5 cm (0.6")	0.5 kg (1 lbs)	10
1500028	Medium 2 cm (0.8")	0.5 kg (1 lbs)	10
1500029	Large 2.5 cm (1")	0.5 kg (1 lbs)	10
1500030	X-Large 3.1 cm (1.2")	0.5 kg (1 lbs)	10
1500031	Pen Holder 0.8 cm (0.3")	-	10
1500032	Pen Holder with Coil 0.8 cm (0.3")	-	10
1500033	Permanent Marker 1.3 cm (0.5")	-	10
1500034	Permanent Marker with Coil 1.3 cm (0.5")	-	10



1500030



1500028

- ▶ Simply slides onto the handle of a tool in seconds
- ▶ Swivel spin top makes them tangle resistant
- ▶ Reusable and suitable for non-conductive use

Note: Tools not included.

3M™ DBI-SALA® D-rings

▶ <http://bit.ly/FPFTVideosEMEA>

- ▶ D-rings can be attached to virtually any tool under 2.3 kg (5 lbs) or 0.9 kg (2 lbs) using our Quick-Wrap Tape (see page 5)
- ▶ Creates an attachment point in less than a minute
- ▶ Dual D-rings allow for 100% tool tie-off during tool transfers



	Description	Load rating	Quantity	Non-conductive
1500003	D-ring 0.5" x 2.25"	0.9 kg (2 lbs)	10 Pack	No
1500005	D-ring 0.5" x 2.25" non-conductive	0.9 kg (2 lbs)	10 Pack	Yes
1500007	D-ring 1" x 3.5"	2.3 kg (5 lbs)	10 Pack	No
1500001	Dual D-ring small	0.9 kg (2 lbs)	10 Pack	No

3M™ DBI-SALA® Quick-Wrap Tape



	Description	Quantity	←•••••→
1500045	Quick-Wrap, yellow	10	274 cm (108")
1500036	Quick-Wrap, blue	10	274 cm (108")
1500038	Quick-Wrap, blue, 2x length	1	548.6 cm (216")

- ▶ Heavy duty 2.54 cm (1") wide tape conforms to the shape of whatever it is applied to
- ▶ Used with our D-rings and Tool Cinch Attachments to create instant tethering points on virtually any tool
- ▶ Made from a self-fusing silicone rubber that leaves no adhesive or residue behind
- ▶ Inner fibreglass webbing increases the strength of the tape and makes the tape resistant to sharp objects

3M™ Fall Protection for tools

3M™ DBI-SALA® D-ring Cord

▶ <http://bit.ly/FPFTVideosEMEA>

- ▶ Easily cinches to tools weighing up to 2.3 kg (5 lbs)
- ▶ Simply pass the loop end of a D-ring Cord through a pre-drilled hole or closed handle to create an attachment point
- ▶ Extremely durable and reusable



Patent pending

	Description	Load rating	Quantity
1500009	D-ring Cord	2.3 kg (5 lbs)	10



3M™ DBI-SALA® Trigger2Trigger Lanyards

Top to bottom:
1500058, 1500056, 1500054



	Quantity	Ⓚ kg	↔
1500054	10	4.5 kg (10 lbs)	30.48 cm (12")
1500056	10	4.5 kg (10 lbs)	60.96 cm (24")
1500058	10	4.5 kg (10 lbs)	91.44 cm (36")

- ▶ Thumb-controlled trigger snaps on both sides of these lanyards are easy to operate, even while wearing gloves.
- ▶ Trigger snaps swivel, making them tangle-resistant.

Note: Tools not included.

www.3M.eu/MetalIndustryPPE



3M United Kingdom PLC
3M Centre
Cain Road, Bracknell
Berkshire RG12 8HT
Tel: 0870 60 800 60
www.3M.eu/MetalIndustryPPE

3M Ireland Limited
The Iveagh Building
The Park
Carrickmines
Dublin 18
Tel: 1 800 320 500

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