

3M™ Protecta™ X Full-Body Harnesses

Technical Data Sheet



Description

3M™ Protecta X fall arrest harnesses provide reliable protection, comfort and convenience; now with upgraded features and a sleek, modern look – all at an affordable price.

Available in a variety of styles and configurations, these new harnesses have enhanced features including quick connect buckles, auto-resetting lanyard keepers as well as softer and more durable hip padding.

Features

- **D-Ring Placement**
Conveniently placed front fall arrest D-ring helps you stay balanced and centred.
- **Auto-resetting Lanyard Keepers**
Provides easy parking and release of snap hooks or carabiners.
- **Hook and Loop Web Ends**
No loose web ends help you stay comfortable and tangle-free
- **Impact Indicators**
Make it simple to inspect the harness for damage and help ensure it's safe to use
- **Modern Black Components**
Zinc plated steel with electro deposit paint finish
- **Protected Labels**
For long-term identification and inspection
- **Comfort Padding**
Softer and more robust hip pad is 3x thicker* for extra comfort
- **EZ-Link SRL Adapter**
Integrated easy-link web SRL adapter lets you quickly and easily connect and disconnect personal SRL's **
- **Improved Belt**
Durable and sturdy belt for tool bag carrying convenience*
- **Gear Tool Loops****
Tools can be secured while working at heights, to keep people and property safe anywhere below you

* Compared to previous model ** Only available on selected models

Standards

Certified to AS/NZS 1891.1



Special Instructions/Conditions of Use

Reading user instruction manual prior to use is essential. Annual inspection & re-certification is required as per AS/NZS 1891.4

Product Life and Inspection

Any piece of equipment including both personal and permanently installed items, which has been used to arrest a fall or which shows any defect during operator or periodic inspection shall be withdrawn from service immediately and a replacement obtained if necessary.

A label indicating the condition or defect must be attached to the equipment, and it must be examined by a competent person who will decide whether the equipment is to be destroyed or repaired/re-certified if necessary and returned to service.

Inspection frequency requirements must be followed according to AS/NZS 1891.4, web products shall have a 10-year product life from the date of manufacture, after which the product must be removed from service.

Specifications

3M™ Protecta™ X Full-Body Harnesses

Colour	Black
Webbing	Polyester
Thread/ Stitching	Polyester***
Webbing width	45mm
Resistance	Resistant to UV common organic solvents.
Hardware	<ul style="list-style-type: none"> ● Rear D – Fall Arrest rated, aluminium, minimum break strength 22.2kN, internal diameter width -59mm ● Front D-ring- Fall Arrest rated, aluminium, minimum break strength 22.2kN, internal diameter width- 51mm ● Quick -Connect Buckles- Chest & legs, solid riveted construction, aluminium
Web Keeper	Elastic, Nylon
Comfort Padding	Aerospace mesh, EVA foam, nylon mesh
Capacity	One user – 136 kg, combined weight of person, tools, clothing etc. when used in conjunction with a DBI-Sala or Protecta Connecting system (SRL, Lanyard, etc) the harness is rated up to the limit of the connecting system
Weight (approx.)	1.75kg to 2.95kg
Temperature (working environment):	-20°C to 50°C (guide only)
If a dorsal extension is part of your harness the maximum lanyard assembly permitted is 1.7m or less.	
Inspection frequency requirements must be followed according to AS/NZS 1891.4	

Inspection frequency requirements must be followed. 3M recommend more frequent inspection and re-certification if the product is exposed to a harsh environment or rugged use.

*** stitching is Kelvar for welders models 1161688-1161691

Important Notice

To the extent permitted by law, 3M shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by 3M. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence. The mounting and use of the product described within this document assumes that the user has previous experience of this type of product and that it will be assembled by a competent professional according to product documentation. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application. All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user. Compliance to the information and specification relative to the product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. 3M (who cannot verify or control these elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control. Warranty conditions for products are determined with the sales contract documents and with the mandatory and applicable law, excluding any other warranty or compensation.these systems.

Ordering Information

3M Code	Model #	Description	Market Place Formal Name	Size	Buckle Type	Comfort Padding
AT010644170	1161660	Riggers Stainless Steel Hardware	1161660 HARN, PRO X, VEST, SS, PASS, S	Small	Pass Through	No
AT010644188	1161661	Riggers Stainless Steel Hardware	1161661 HARN, PRO X, VEST, SS, PASS, M	Medium	Pass Through	No
AT010644196	1161662	Riggers Stainless Steel Hardware	1161662 HARN, PRO X, VEST, SS, PASS, L	Large	Pass Through	No
AT010644204	1161663	Riggers with Stainless Steel Hardware	1161663 HARN, PRO X, VEST, SS, PASS, XL	Extra Large	Pass Through	No
AT010644212	1161664	Riggers with Stainless Steel Hardware	1161664 HARN, PRO X, VEST, SS, QC, S	Small	Quick Connect	No
AT010644220	1161665	Riggers with Stainless Steel Hardware	1161665 HARN, PRO X, VEST, SS, QC, M	Medium	Quick Connect	No
AT010644238	1161666	Riggers with Stainless Steel Hardware	1161666 HARN, PRO X, VEST, SS, QC, L	Large	Quick Connect	No
AT010644246	1161667	Riggers with Stainless Steel Hardware	1161667 HARN, PRO X, VEST, SS, QC, XL	Extra Large	Quick Connect	No
AT010644253	1161668	Riggers with Stainless Steel Hardware & Back Pad	1161668 HARN, PRO X, VEST, SS, QC, BACK P, S	Small	Quick Connect	Yes
AT010644261	1161669	Riggers with Stainless Steel Hardware & Back Pad	1161669 HARN, PRO X, VEST, SS, QC, BACK P, M	Medium	Quick Connect	Yes
AT010644279	1161670	Riggers with Stainless Steel Hardware & Back Pad	1161670 HARN, PRO X, VEST, SS, QC, BACK P, L	Large	Quick Connect	Yes
AT010644287	1161671	Riggers with Stainless Steel Hardware & Back Pad	1161671 HARN, PRO X, VEST, SS, QC, BACK P, XL	Extra Large	Quick Connect	Yes
AT010644295	1161672	Riggers	1161672 HARN, PRO X, VEST, QC, S	Small	Quick Connect	No
AT010644303	1161673	Riggers	1161673 HARN, PRO X, VEST, QC, M	Medium	Quick Connect	No
AT010644311	1161674	Riggers	1161674 HARN, PRO X, VEST, QC, L	Large	Quick Connect	No
AT010644329	1161675	Riggers	1161675 HARN, PRO X, VEST, QC, XL	Extra Large	Quick Connect	No
AT010644337	1161676	Riggers with Back Pad	1161676 HARN, PRO X, VEST, QC, BACK P, S	Small	Quick Connect	Yes
AT010644345	1161677	Riggers with Back Pad	1161677 HARN, PRO X, VEST, QC, BACK P, M	Medium	Quick Connect	Yes
AT010644352	1161678	Riggers with Back Pad	1161678 HARN, PRO X, VEST, QC, BACK P, L	Large	Quick Connect	Yes
AT010644360	1161679	Riggers with Back Pad	1161679 HARN, PRO X, VEST, QC, BACK P, XL	Extra Large	Quick Connect	Yes
AT010644378	1161680	All Purpose	1161680 HARN, PRO X, ALL P, QC, BACK P, S	Small	Quick Connect	Yes
AT010644386	1161681	All Purpose	1161681 HARN, PRO X, ALL P, QC, BACK P, M	Medium	Quick Connect	Yes
AT010644394	1161682	All Purpose	1161682 HARN, PRO X, ALL P, QC, BACK P, L	Large	Quick Connect	Yes
AT010644402	1161683	All Purpose	1161683 HARN, PRO X, ALL P, QC, BACK P, XL	Extra Large	Quick Connect	Yes
AT010644410	1161684	Miners	1161684 HARN, PRO X, MINER, QC, BACK P, S	Small	Quick Connect	Yes

3M Code	Model #	Description	Market Place Formal Name	Size	Buckle Type	Comfort Padding
AT010644428	1161685	Miners	1161685 HARN, PRO X, MINER, QC, BACK P, M	Medium	Quick Connect	Yes
AT010644436	1161686	Miners	1161686 HARN, PRO X, MINER, QC, BACK P, L	Large	Quick Connect	Yes
AT010644444	1161687	Miners	1161687 HARN, PRO X, MINER, QC, BACK P, XL	Extra Large	Quick Connect	Yes
AT010644451	1161688	Welders	1161688 HARN, PRO X, WELDER, QC, NK, S	Small	Quick Connect	No
AT010644469	1161689	Welders	1161689 HARN, PRO X, WELDER, QC, NK, M	Medium	Quick Connect	No
AT010644477	1161690	Welders	1161690 HARN, PRO X, WELDER, QC, NK, L	Large	Quick Connect	No
AT010644485	1161691	Welders	1161691 HARN, PRO X, WELDER, QC, NK, XL	Extra Large	Quick Connect	No
AT010644493	1161692	Tower Worker	1161692 HARN, PRO X, TOWER, QC, D-RING, S	Small	Quick Connect	No
AT010644501	1161693	Tower Worker	1161693 HARN, PRO X, TOWER, QC, D-RING, M	Medium	Quick Connect	No
AT010644519	1161694	Tower Worker	1161694 HARN, PRO X, TOWER, QC, D-RING, L	Large	Quick Connect	No
AT010644527	1161695	Tower Worker	1161695 HARN, PRO X, TOWER, QC, D-RING, XL	Extra Large	Quick Connect	No
AT010644535	1161696	Tower Worker	1161696 HARN, PRO X, TOWER, QC, O-RING, S	Small	Quick Connect	No
AT010644543	1161697	Tower Worker	1161697 HARN, PRO X, TOWER, QC, O-RING, M	Medium	Quick Connect	No
AT010644550	1161698	Tower Worker	1161698 HARN, PRO X, TOWER, QC, O-RING, L	Large	Quick Connect	No
AT010644568	1161699	Tower Worker	1161699 HARN, PRO X, TOWER, QC, O-RING, XL	Extra Large	Quick Connect	No
AT010644659	1161708	Live Line	1161708 HARN, PRO X, LIVE LINE , QC, S	Small	Quick Connect	No
AT010644667	1161709	Live Line	1161709 HARN, PRO X, LIVE LINE , QC, M	Medium	Quick Connect	No
AT010644675	1161710	Live Line	1161710 HARN, PRO X, LIVE LINE , QC, L	Large	Quick Connect	No
AT010644683	1161711	Live Line	1161711 HARN, PRO X, LIVE LINE , QC, XL	Extra Large	Quick Connect	No
AT010644691	1161712	Suspension	1161712 HARN, PRO X, SUSPENSION, QC, S	Small	Quick Connect	No
AT010644709	1161713	Suspension	1161713 HARN, PRO X, SUSPENSION, QC, M	Medium	Quick Connect	No
AT010644717	1161714	Suspension	1161714 HARN, PRO X, SUSPENSION, QC, L	Large	Quick Connect	No
AT010644725	1161715	Suspension	1161715 HARN, PRO X, SUSPENSION, QC, XL	Extra Large	Quick Connect	No



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