

3M™ DBI-SALA® Delta™ Full-Body Harnesses

Technical Data Sheet



Description

Delta™ harnesses combine a set of “industry-first” advancements, with popular features making them the workhorse of the industry. Today’s Delta™ represents the culmination of more than twenty years of design, research, manufacturing know-how and on-the-job performance. Delta™ harnesses are as tough as the people who wear them. They feature coated, corrosion-resistant hardware, water-repellant and abrasion-resistant webbing and a build quality that is second to none. A patented triangular design gives Delta™ harnesses a shape of their own, so you can don them quickly and easily. The Delta™ pad also incorporates a web spreading design, positioning webbing wider apart on shoulder straps to eliminate abrasion on your neck.

Features

- **REPEL™ Technology Webbing**
Water repellent to reduce attraction of mould and dirt -up to 5 times more abrasion resistance
- **Quick-Connect Buckles**
Offers one-handed operation and smooth adjustment
- **Easy Grip End Tabs and Keepers**
For fast, efficient and secure web adjustment.
- **Stand-Up Dorsal D-Ring**
Patented spring-loaded design automatically stands up ensuring fast, easy and safe connections to your fall arrest system.
- **Impact Indicator**
Rip-stitch indicator allows the user to quickly and easily inspect the harness for impact loading.
- **Label Pack**
Laminated PVC labels resistant to abrasion, UV, ambient heat, water and a wide range of chemicals. Features permanent indented print of critical product information ensuring it remains visible for the life of the harness.
- **RFID equipped**
Helps track equipment and manage safety inspection programs.
- **Bonus**
Harness storage bag with every Delta™ harness.



Standards

Certified to AS/NZS 1891.1

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items, which has been used to arrest a fall or which shows any defect during operator or periodic inspection shall be withdrawn from service immediately and a replacement obtained if necessary.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 1891.1, web products shall have a 10-year product life from the date of manufacture, after which the product must be removed from service.

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.

Specifications

3M™ DBI-SALA® Delta™ Full-Body Harnesses

Colour	Yellow
Webbing	REPEL™ technology webbing – 45mm, minimum breaking load 15kN, Resistant to UV and common organic solvents.
Thread/ Stitching	Polyester
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● Shoulder adjusters- Spring loaded 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
Delta® Back Pad	Polyethylene and vinyl acetate
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	

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.

Ordering Information

3M Code	Model #	Description
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3M™ DBI-SALA® Delta™ Riggers Harness

70007926416	803S0018	Small
70007925822	803M0018	Medium
70007925707	803L0018	Large
70007925046	803XL0018	Extra Large

3M™ DBI-SALA® Delta™ All Purpose Harness

70007930806	823S0018	Small
70007925855	823M0018	Medium
70007925616	823L0018	Large
70007927141	823XL0018	Extra Large

3M™ DBI-SALA® Delta™ Miners Harness

70007947362	823S0035	Small
70007934790	823M0035	Medium
70007929410	823L0035	Large
70007932737	823XL0035	Extra Large

3M™ DBI-SALA® Delta™ Cross-Over Harness

70007934378	813S0016	Small
70007932083	813M0016	Medium
70007925251	813L0016	Large
70007946752	813XL0016	Extra Large

3M™ DBI-SALA® Delta™ Tower Workers Harness

70007936365	853S0018	Small
70007925160	853M0018	Medium
70007928818	853L0018	Large
70007932042	853XL0018	Extra Large

3M™ DBI-SALA® Delta™ Live Line & Standard Linesman Harness

70007937165	803S0009	Small
70007935292	803M0009	Medium
70007937082	803L0009	Large
70007937090	803XL0009	Extra Large
70007926671	863M4019	Med (linesman)

3M Code	Model #	Description
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3M™ DBI-SALA® Delta™ Riggers Comfort Harness

70007937728	833S2018	Small
70007927455	833M2018	Medium
70007931218	833L2018	Large
70007935573	833XL2018	Extra Large

3M™ DBI-SALA® Delta™ Cross-Over Comfort Harness

70007943221	843S2016	Small
70007950911	843M2016	Medium
70007935714	843L2016	Large
70007935722	843XL2016	Extra Large

3M™ DBI-SALA® Delta™ Welders Harness

70007932851	320S2066NK	Small
70007927729	320M2066NK	Medium
70007930459	320L2066NK	Large
70007945218	320XL2066NK	Extra Large

3M™ DBI-SALA® Delta™ BA Rescue/Escape Harness

70008288378	823S1050	Small
70007964128	823M1050	Medium
70008288360	823L1050	Large
70008288394	823XL1050	Extra Large

3M™ DBI-SALA® Delta™ BA Harness

70008288386	823S1051	Small
70007952602	823M1051	Medium
70007950820	823L1051	Large
70008288402	823XL1051	Extra Large



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