

MSA V-SHOCK® Self-Retracting Devices Product Specifications

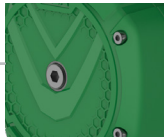


Leading Edge

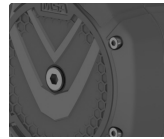


Color Coding & Iconography

Make product selection quick and easy



Green Housing
(Leading Edge)



Gray Housing
(Non-Leading Edge)



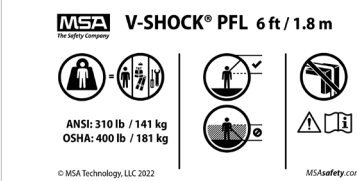
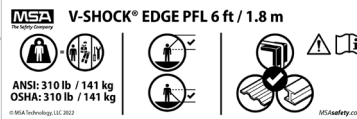
Leading Edge Icon



Non-Leading Edge Icon

Dashboard Labels

Deliver critical information at a glance



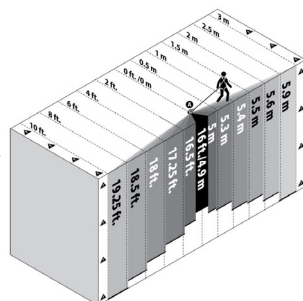
Non-Leading Edge



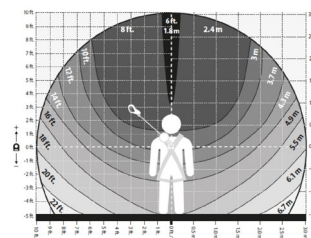
Clearance Charts

Designed for ease of understanding

Leading Edge Clearance Chart



Non-Leading Edge Clearance Chart



Product Specifications

Material Specifications	
WEIGHT	See tables
UNIT LENGTH	
6 ft. (1.8 m)	72 in. (1.83 m)
8 ft. (2.5 m)	96 in. (2.44 m) <i>CSA only</i>
10 ft. (3 m)	120 in. (3.05 m) <i>ANSI only</i>
20 ft. (6 m)	240 in. (6.10 m)
30 ft. (10 m)	396 in. (10.06 m)
50 ft. (15 m)	600 in. (15.24 m)
UNIT WIDTH	
SINGLE-LEG PFL	4.67 in. (119 mm) to 5.67in. (144 mm)
TWIN-LEG PFL	9.34 in. (237 mm) to 11.34 in. (288 mm)
20 ft. (6 m) SRL	8.00 in. (203.20 mm)
30 ft. (10 m) SRL	10.25 in. (260.35 mm)
50 ft. (15 m) SRL	10.25 in. (260.35 mm)
UNIT DEPTH	
6 ft. (1.8 m) PFL	2.62 in. (66.55 mm)
10 ft. (3 m) PFL	2.68 in. (68.07 mm)
20 ft. (6 m) SRL	4.00 in. (101.60 mm)
30 ft. (10 m) SRL	4.50 in. (114.30 mm)
50 ft. (15 m) SRL	4.50 in. (114.30 mm)
HOUSING MATERIAL	Nylon
HARDWARE MATERIALS	Steel or Aluminum
LIFELINE MATERIAL	
NON-LEADING EDGE WEB PFL	1.0 in. (25.4 mm) wide/0.11 in. (2.8 mm) thick Polyester
LEADING EDGE WEB PFL	1.0 in. (25.4 mm) wide/0.14 in. (3.6 mm) thick HMPE/ para aramid blend
LEADING EDGE CABLE SRL	0.22 in. (5.5 mm) diameter galvanized steel cable
ENERGY ABSORBING TECHNOLOGY	Tear Tape



V-SHOCK Edge
Leading Edge PFLs



V-SHOCK Non-Leading
Edge PFLs



V-SHOCK Edge
Leading Edge SRLs

Specifications & Ordering Information (ANSI)

V-SHOCK Edge Leading Edge Galvanized Steel Cable SRL — ANSI				
Part Number	Type	Length	Snaphook	Item Weight
VSLEG-061-NE-A	V-SHOCK Edge	20 ft. (6 m)	36CS	10.30 lb. (4.67 kg)
VSLEG-101-NE-A	V-SHOCK Edge	30 ft. (10 m)	36CS	17.10 lb. (7.76 kg)
VSLEG-151-NE-A	V-SHOCK Edge	50 ft. (15 m)	36CS	18.50 lb. (8.39 kg)

V-SHOCK Edge 6 ft. (1.8 m) Leading Edge Web PFL — ANSI				
Part Number	Type	Single/Twin	Snaphook	Item Weight
VSLEW-011-PB-A	V-SHOCK Edge	Single	36C	4.26 lb. (1.93 kg)
VSLEW-011-PE-A	V-SHOCK Edge	Single	36CS	4.51 lb. (2.05 kg)
VSLEW-011-PF-A	V-SHOCK Edge	Single	36CL	5.24 lb. (2.38 kg)
VSLEW-011-PA-A	V-SHOCK Edge	Single	AL36CL	4.77 lb. (2.16 kg)
VSLEW-011-PJ-A-TB	V-SHOCK Edge Tie-Back Edge	Single	FP5K	4.20 lb. (1.91 kg)
VSLEW-012-PB-A	V-SHOCK Edge	Twin	36C	7.61 lb. (3.45 kg)
VSLEW-012-PE-A	V-SHOCK Edge	Twin	36CS	8.12 lb. (3.68 kg)
VSLEW-012-PF-A	V-SHOCK Edge	Twin	36CL	9.58 lb. (4.35 kg)
VSLEW-012-PA-A	V-SHOCK Edge	Twin	AL36CL	8.65 lb. (3.92 kg)
VSLEW-012-PH-A	V-SHOCK Edge	Twin	AL36CLS	9.01 lb. (4.09 kg)
VSLEW-012-PC-A	V-SHOCK Edge	Twin	ALTAKS	6.80 lb. (3.08 kg)
VSLEW-012-PJ-A-TB	V-SHOCK Edge Tie-Back Edge	Twin	FP5K	7.50 lb. (3.40 kg)

V-SHOCK Edge 10 ft. (3 m) Leading Edge Web PFL — ANSI				
Part Number	Type	Single/Twin	Snaphook	Item Weight
VSLEW-031-PB-A	V-SHOCK Edge	Single	36C	5.06 lb. (2.29 kg)
VSLEW-031-PE-A	V-SHOCK Edge	Single	36CS	5.31 lb. (2.41 kg)
VSLEW-031-PF-A	V-SHOCK Edge	Single	36CL	6.04 lb. (2.74 kg)
VSLEW-031-PA-A	V-SHOCK Edge	Single	AL36CL	5.57 lb. (2.53 kg)
VSLEW-031-PJ-A-TB	V-SHOCK Edge Tie-Back Edge	Single	FP5K	5.00 lb. (2.27 kg)
VSLEW-032-PB-A	V-SHOCK Edge	Twin	36C	9.97 lb. (4.52 kg)
VSLEW-032-PE-A	V-SHOCK Edge	Twin	36CS	10.22 lb. (4.64 kg)
VSLEW-032-PF-A	V-SHOCK Edge	Twin	36CL	11.68 lb. (5.30 kg)
VSLEW-032-PA-A	V-SHOCK Edge	Twin	AL36CL	10.75 lb. (4.87 kg)
VSLEW-032-PH-A	V-SHOCK Edge	Twin	AL36CLS	11.11 lb. (5.04 kg)
VSLEW-032-PJ-A-TB	V-SHOCK Edge Tie-Back Edge	Twin	FP5K	9.60 lb. (4.35 kg)



Specifications & Ordering Information (CSA)

V-SHOCK Edge Leading Edge Galvanized Steel Cable SRL — CSA				
Part Number	Type	Length	Snaphook	Item Weight
VSLEG-061-NE-C	V-SHOCK Edge	20 ft. (6 m)	36CS-C	10.30 lb. (4.67 kg)
VSLEG-101-NE-C	V-SHOCK Edge	30 ft. (10 m)	36CS-C	17.00 lb. (7.71 kg)
VSLEG-151-NE-C	V-SHOCK Edge	50 ft. (15 m)	36CS-C	18.50 lb. (8.39 kg)

V-SHOCK Edge 6 ft. (1.8 m) Leading Edge Web PFL — CSA				
Part Number	Type	Single/Twin	Snaphook	Item Weight
VSLEW-011-PM-C	V-SHOCK Edge	Single	36CLS-C	4.54 lb. (2.06 kg)
VSLEW-011-PE-C	V-SHOCK Edge	Single	36CS-C	4.52 lb. (2.05 kg)
VSLEW-011-PA-C	V-SHOCK Edge	Single	AL36CL-C	4.76 lb. (2.16 kg)
VSLEW-012-PM-C	V-SHOCK Edge	Twin	36CLS-C	8.13 lb. (3.69 kg)
VSLEW-012-PE-C	V-SHOCK Edge	Twin	36CS-C	8.11 lb. (3.68 kg)
VSLEW-012-PA-C	V-SHOCK Edge	Twin	AL36CL-C	8.64 lb. (3.92 kg)
VSLEW-012-PH-C	V-SHOCK Edge	Twin	AL36CLS-C	9.02 lb. (4.09 kg)
VSLEW-012-PC-C	V-SHOCK Edge	Twin	ALAKS-C	6.79 lb. (3.08 kg)

V-SHOCK Edge 8 ft. (2.5 m) Leading Edge Web PFL — CSA				
Part Number	Type	Single/Twin	Snaphook	Item Weight
VSLEW-021-PA-C	V-SHOCK Edge	Single	AL36CL-C	5.58 lb. (2.53 kg)
VSLEW-021-PE-C	V-SHOCK Edge	Single	36CS-C	5.31 lb. (2.41 kg)
VSLEW-022-PE-C	V-SHOCK Edge	Single	36CS-C	10.23 lb. (4.64 kg)
VSLEW-022-PA-C	V-SHOCK Edge	Single	AL36CL-C	10.76 lb. (4.88 kg)
VSLEW-022-PH-C	V-SHOCK Edge	Twin	AL36CLS-C	11.11 lb. (5.04 kg)
VSLEW-021-PM-C	V-SHOCK Edge	Twin	36CLS-C	5.33 lb. (2.42 kg)
VSLEW-022-PM-C	V-SHOCK Edge	Twin	36CLS-C	10.25 lb. (4.65 kg)



Specifications & Ordering Information (ANSI)

V-SHOCK 6 ft. (1.8 m) Non-Leading Edge Web PFL — ANSI				
Part Number	Type	Single/ Twin	Snaphook	Item Weight
VSOHW-011-NB-A	V-SHOCK	Single	36C	3.66 lb. (1.66 kg)
VSOHW-011-NE-A	V-SHOCK	Single	36CS	3.91 lb. (1.77 kg)
VSOHW-011-NF-A	V-SHOCK	Single	36CL	4.64 lb. (2.10 kg)
VSOHW-011-NG-A	V-SHOCK	Single	AL36C	3.35 lb. (1.52 kg)
VSOHW-011-NA-A	V-SHOCK	Single	AL36CL	4.17 lb. (1.89 kg)
VSOHW-011-NH-A	V-SHOCK	Single	AL36CLS	4.35 lb. (1.97 kg)
VSOHW-011-NC-A	V-SHOCK	Single	ALTAKS	3.25 lb. (1.47 kg)
VSOHW-011-NJ-O-TB	V-SHOCK Tie-Back	Single	FP5K	3.60 lb. (1.63 kg)
VSOHW-012-QB-A	V-SHOCK	Twin	36C	7.31 lb. (3.32 kg)
VSOHW-012-QE-A	V-SHOCK	Twin	36CS	7.82 lb. (3.55 kg)
VSOHW-012-QF-A	V-SHOCK	Twin	36CL	9.28 lb. (4.21 kg)
VSOHW-012-QA-A	V-SHOCK	Twin	AL36CL	8.35 lb. (3.79 kg)
VSOHW-012-QH-A	V-SHOCK	Twin	AL36CLS	8.71 lb. (3.95 kg)
VSOHW-012-QC-A	V-SHOCK	Twin	ALTAKS	6.50 lb. (2.95 kg)
VSOHW-012-QJ-O-TB	V-SHOCK Tie-Back	Twin	FP5K	7.20 lb. (3.27 kg)






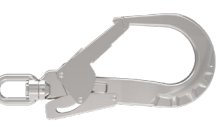





V-SHOCK 10 ft. (3 m) Non-Leading Edge Web PFL — ANSI				
Part Number	Type	Single/ Twin	Snaphook	Item Weight
VSOHW-031-NB-A	V-SHOCK	Single	36C	4.86 lb. (2.20 kg)
VSOHW-031-NE-A	V-SHOCK	Single	36CS	5.11 lb. (2.32 kg)
VSOHW-031-NF-A	V-SHOCK	Single	36CL	5.84 lb. (2.65 kg)
VSOHW-031-NG-A	V-SHOCK	Single	AL36C	4.55 lb. (2.06 kg)
VSOHW-031-NA-A	V-SHOCK	Single	AL36CL	5.37 lb. (2.44 kg)
VSOHW-031-NC-A	V-SHOCK	Single	ALTAKS	4.45 lb. (2.02 kg)
VSOHW-031-NJ-O-TB	V-SHOCK Tie-Back	Single	FP5K	4.80 lb. (2.18 kg)
VSOHW-032-QE-A	V-SHOCK	Twin	36CS	9.82 lb. (4.45 kg)
VSOHW-032-QF-A	V-SHOCK	Twin	36CL	11.28 lb. (5.12 kg)
VSOHW-032-QA-A	V-SHOCK	Twin	AL36CL	10.35 lb. (4.69 kg)
VSOHW-032-QH-A	V-SHOCK	Twin	AL36CLS	10.71 lb. (4.86 kg)
VSOHW-032-QJ-O-TB	V-SHOCK Tie-Back	Twin	FP5K	9.20 lb. (4.17 kg)

Specifications & Ordering Information (CSA)

V-SHOCK 6 ft. (1.8 m) Non-Leading Edge Web PFL — CSA				
Part Number	Type	Single/ Twin	Snaphook	Item Weight
VSOHW-011-NA-C	V-SHOCK	Single	AL36CL-C	4.16 lb. (1.89 kg)
VSOHW-011-NB-C	V-SHOCK	Single	36C-C	3.65 lb. (1.66 kg)
VSOHW-011-NC-C	V-SHOCK	Single	ALTAKS-C	3.24 lb. (1.47 kg)
VSOHW-011-NE-C	V-SHOCK	Single	36CS-C	3.90 lb. (1.77 kg)
VSOHW-011-NH-C	V-SHOCK	Single	AL36CLS-C	4.34 lb. (1.97 kg)
VSOHW-011-NM-C	V-SHOCK	Single	36CLS-C	4.18 lb. (1.90 kg)
VSOHW-012-QA-C	V-SHOCK	Twin	AL36CL-C	8.35 lb. (3.79 kg)
VSOHW-012-QB-C	V-SHOCK	Twin	36C-C	7.31 lb. (3.32 kg)
VSOHW-012-QC-C	V-SHOCK	Twin	ALTAKS-C	6.50 lb. (2.95 kg)
VSOHW-012-QE-C	V-SHOCK	Twin	36CS-C	7.82 lb. (3.55 kg)
VSOHW-012-QH-C	V-SHOCK	Twin	AL36CLS-C	8.70 lb. (3.95 kg)
VSOHW-012-QM-C	V-SHOCK	Twin	36CLS-C	8.39 lb. (3.81 kg)

V-SHOCK 8 ft. (2.5 m) Non-Leading Edge Web PFL — CSA				
Part Number	Type	Single/ Twin	Snaphook	Item Weight
VSOHW-021-NA-C	V-SHOCK	Single	AL36CL-C	5.37 lb. (2.44 kg)
VSOHW-021-NB-C	V-SHOCK	Single	36C-C	4.85 lb. (2.20 kg)
VSOHW-021-NC-C	V-SHOCK	Single	ALTAKS-C	4.45 lb. (2.02 kg)
VSOHW-021-NE-C	V-SHOCK	Single	36CS-C	5.11 lb. (2.32 kg)
VSOHW-021-NG-C	V-SHOCK	Single	AL36C-C	4.54 lb. (2.06 kg)
VSOHW-021-NM-C	V-SHOCK	Single	36CLS-C	5.37 lb. (2.44 kg)
VSOHW-022-QA-C	V-SHOCK	Twin	AL36CL-C	10.33 lb. (4.69 kg)
VSOHW-022-QE-C	V-SHOCK	Twin	36CS-C	9.81 lb. (4.45 kg)
VSOHW-022-QH-C	V-SHOCK	Twin	AL36CLS-C	10.71 lb. (4.86 kg)
VSOHW-022-QM-C	V-SHOCK	Twin	36CLS-C	10.38 lb. (4.71 kg)

Snap Hooks & Top Connectors

Snaphooks		
		
36C	36CS	36CL
		
AL36C	AL36CL	AL36CLS
		
ALTAKS	FP5K	
Top Connectors		
		
Carabiner	Twin Link Clip	Locking Pin Connector

Performance Specifications	
STANDARDS & CAPACITY*	
ANSI Z359.14-2021	130-310 lb. (60-141 kg)
OSHA 1926.502	100-400 lb. (45-181 kg)
CSA Z259.2.2-17	130-310 lb. (60-141 kg)
MAXIMUM ARREST FORCES**	
PEAK	1,029 lb. (470 kg)
AVERAGE	800 lb. (366 kg)

* Both Non-Leading Edge and Lead Edge PFLs should only be utilized for overhead applications for weights between 310 lb. (141 kg) and 400 lb. (181 kg).

** For more information please refer to the Fall Clearance Charts included with your product.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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