

MSA V-TEC® Personal Fall Limiter



Material Specifications

WEIGHT	See tables
RETRACTED LENGTH	See tables
TOTAL UNIT LENGTH	
WEB PFL	6 ft. (1.8 m) or 10 ft. (3 m)
CABLE PFL	10 ft. (3 m)
UNIT WIDTH	
WEB PFL, 6 FT, SINGLE-LEG	3 in. (76.2 mm)
WEB PFL, 6 FT, TWIN-LEG	6 in. (152.4 mm)
WEB PFL, 10 FT, SINGLE-LEG	3.5 in. (88.9 mm)
WEB PFL, 10 FT, TWIN-LEG	9 in. (228.6 mm)
CABLE PFL	5.5 in. (139.7 mm)
HOUSING DEPTH	
WEB PFL	2.23 in. (56.64 mm)
CABLE PFL	3.9 in. (99.1 mm)
HOUSING MATERIAL	Polycarbonate
HARDWARE MATERIALS	Steel or Aluminum
LIFELINE MATERIAL	
WEB PFL, 6 FT	2/3 in. (17 mm) wide / 0.06 in. (1.4 mm) thick HMPE
WEB PFL, 10 FT	3/4 in. (19 mm) wide / 0.07 in. (1.75mm) thick, HMPE warp and polyester weft
CABLE PFL	13/64" (5 mm) Galvanized Steel Wire Rope
ENERGY ABSORBING TECHNOLOGY	47 in. (1200 mm) Tear Tape



VTOHW-012-RA-A



VTOHG-031-DE-A

V-TEC Web PFL, 6 ft. (1.8 m), ANSI

Part Number	Type			Line Length	Anchorage Connection	Harness Connection	Retracted Length	Weight
	Single-Leg	Twin-Leg	Tieback					
VTOHW-011-DA-A	■			6 ft. (1.8 m)	AL36CL	ALTAK	28.36 in. (720.3 mm)	3.15 lb. (1.42 kg)
VTOHW-011-DB-A	■			6 ft. (1.8 m)	36C	ALTAK	24.4 in. (619.8 mm)	2.65 lb. (1.20 kg)
VTOHW-011-DC-A	■			6 ft. (1.8 m)	ALTAKS	ALTAK	25.68 in. (652.3 mm)	2.25 lb. (1.02 kg)
VTOHW-011-DD-A	■			6 ft. (1.8 m)	ALTAK	ALTAK	23.4 in. (594.4 mm)	2.07 lb. (0.94 kg)
VTOHW-011-DE-A	■			6 ft. (1.8 m)	36CS	ALTAK	25.48 in. (647.2 mm)	2.89 lb. (1.31 kg)
VTOHW-011-DF-A	■			6 ft. (1.8 m)	36CL	ALTAK	28.2 in. (716.3 mm)	3.59 lb. (1.63 kg)
VTOHW-011-ZA-A	■			6 ft. (1.8 m)	AL36CL	NONE	23.47 in. (596.1 mm)	2.87 lb. (1.30 kg)
VTOHW-011-ZB-A	■			6 ft. (1.8 m)	36C	NONE	19.51 in. (495.6 mm)	2.36 lb. (1.07 kg)
VTOHW-011-ZC-A	■			6 ft. (1.8 m)	ALTAKS	NONE	20.8 in. (528.3 mm)	1.94 lb. (0.88 kg)
VTOHW-011-ZD-A	■			6 ft. (1.8 m)	ALTAK	NONE	18.51 in. (470.2 mm)	1.79 lb. (0.81 kg)
VTOHW-011-ZE-A	■			6 ft. (1.8 m)	36CS	NONE	20.6 in. (523.2 mm)	2.6 lb. (1.18 kg)
VTOHW-011-ZF-A	■			6 ft. (1.8 m)	36CL	NONE	23.32 in. (592.3 mm)	3.31 lb. (1.50 kg)
VTOHW-012-RA-A		■		6 ft. (1.8 m)	AL36CL	TLALTAK	26.43 in. (671.3 mm)	6.08 lb. (2.76 kg)
VTOHW-012-RB-A		■		6 ft. (1.8 m)	36C	TLALTAK	22.47 in. (570.7 mm)	5.07 lb. (2.30 kg)
VTOHW-012-RC-A		■		6 ft. (1.8 m)	ALTAKS	TLALTAK	23.75 in. (603.3 mm)	4.25 lb. (1.93 kg)
VTOHW-012-RD-A		■		6 ft. (1.8 m)	ALTAK	TLALTAK	21.47 in. (545.3 mm)	3.9 lb. (1.77 kg)
VTOHW-012-RE-A		■		6 ft. (1.8 m)	36CS	TLALTAK	23.55 in. (598.2 mm)	5.56 lb. (2.52 kg)
VTOHW-012-RF-A		■		6 ft. (1.8 m)	36CL	TLALTAK	26.27 in. (667.3 mm)	6.97 lb. (3.16 kg)
VTOHW-011-DJ-O-TB	■		■	6 ft. (1.8 m)	FP5K	ALTAK	59.61 in. (1514.1 mm)	2.71 lb. (1.23 kg)
VTOHW-012-RJ-O-TB		■	■	6 ft. (1.8 m)	FP5K	TLALTAK	57.68 in. (1462.0 mm)	5.18 lb. (2.35 kg)



V-TEC Web PFL, 6 ft. (1.8 m), CSA

Part Number	Type		Line Length	Anchorage Connection	Harness Connection	Retracted Length	Weight
	Single-Leg	Twin-Leg					
VTOHW-011-DA-C	■		6 ft. (1.8 m)	AL36CL	ALTAK	28.36 in. (720.34 mm)	3.15 lb. (1.43 kg)
VTOHW-011-DB-C	■		6 ft. (1.8 m)	36C	ALTAK	24.4 in. (619.76 mm)	2.65 lb. (1.2 kg)
VTOHW-011-DC-C	■		6 ft. (1.8 m)	ALTAKS	ALTAK	25.68 in. (652.27 mm)	2.25 lb. (1.02 kg)
VTOHW-011-DD-C	■		6 ft. (1.8 m)	ALTAK	ALTAK	23.4 in. (594.36 mm)	2.07 lb. (0.94 kg)
VTOHW-011-DE-C	■		6 ft. (1.8 m)	36CS	ALTAK	25.48 in. (647.19 mm)	2.89 lb. (1.31 kg)
VTOHW-011-DM-C	■		6 ft. (1.8 m)	36CLS	ALTAK	28.47 in. (723.14 mm)	3.2 lb. (1.45 kg)
VTOHW-011-ZA-C	■		6 ft. (1.8 m)	AL36CL	NONE	23.47 in. (596.14 mm)	2.87 lb. (1.3 kg)
VTOHW-011-ZB-C	■		6 ft. (1.8 m)	36C	NONE	19.51 in. (495.55 mm)	2.36 lb. (1.07 kg)
VTOHW-011-ZC-C	■		6 ft. (1.8 m)	ALTAKS	NONE	20.8 in. (528.32 mm)	1.94 lb. (0.88 kg)
VTOHW-011-ZD-C	■		6 ft. (1.8 m)	ALTAK	NONE	18.51 in. (470.15 mm)	1.79 lb. (0.81 kg)
VTOHW-011-ZE-C	■		6 ft. (1.8 m)	36CS	NONE	20.6 in. (523.24 mm)	2.6 lb. (1.18 kg)
VTOHW-011-ZM-C	■		6 ft. (1.8 m)	36CLS	NONE	23.59 in. (599.19 mm)	2.91 lb. (1.32 kg)
VTOHW-012-RA-C		■	6 ft. (1.8 m)	AL36CL	TLALTAK	26.43 in. (671.32 mm)	6.08 lb. (2.76 kg)
VTOHW-012-RB-C		■	6 ft. (1.8 m)	36C	TLALTAK	22.47 in. (570.74 mm)	5.07 lb. (2.3 kg)
VTOHW-012-RC-C		■	6 ft. (1.8 m)	ALTAKS	TLALTAK	23.75 in. (603.25 mm)	4.25 lb. (1.93 kg)
VTOHW-012-RD-C		■	6 ft. (1.8 m)	ALTAK	TLALTAK	21.47 in. (545.34 mm)	3.9 lb. (1.77 kg)
VTOHW-012-RE-C		■	6 ft. (1.8 m)	36CS	TLALTAK	23.55 in. (598.17 mm)	5.56 lb. (2.52 kg)
VTOHW-012-RM-C		■	6 ft. (1.8 m)	36CLS	TLALTAK	26.55 in. (647.37 mm)	6.17 lb. (2.8 kg)

V-TEC Web PFL, 10 ft. (3 m), ANSI

Part Number	Type			Line Length	Anchorage Connection	Harness Connection	Retracted Length	Weight
	Single-Leg	Twin-Leg	Tieback					
VTOHW-031-DA-A	■			10 ft. (3 m)	ALTAK	AL36CL	28.62 in. (726.9 mm)	3.64 lb. (1.65 kg)
VTOHW-031-DB-A	■			10 ft. (3 m)	ALTAK	36C	24.66 in. (626.4 mm)	3.11 lb. (1.41 kg)
VTOHW-031-DC-A	■			10 ft. (3 m)	ALTAK	ALTAKS	20.31 in. (515.9 mm)	2.79 lb. (1.27 kg)
VTOHW-031-DD-A	■			10 ft. (3 m)	ALTAK	ALTAK	23.66 in. (601.0 mm)	2.54 lb. (1.15 kg)
VTOHW-031-DE-A	■			10 ft. (3 m)	ALTAK	36CS	25.74 in. (653.8 mm)	3.35 lb. (1.52 kg)
VTOHW-031-DF-A	■			10 ft. (3 m)	ALTAK	36CL	28.46 in. (722.9 mm)	4.06 lb. (1.84 kg)
VTOHW-031-ZA-A	■			10 ft. (3 m)	None	AL36CL	23.74 in. (603.0 mm)	3.33 lb. (1.51 kg)
VTOHW-031-ZB-A	■			10 ft. (3 m)	None	36C	19.77 in. (502.2 mm)	2.82 lb. (1.28 kg)
VTOHW-031-ZC-A	■			10 ft. (3 m)	None	ALTAKS	21.06 in. (534.9 mm)	2.43 lb. (1.10 kg)
VTOHW-031-ZD-A	■			10 ft. (3 m)	None	ALTAK	18.77 in. (476.8 mm)	2.25 lb. (1.02 kg)
VTOHW-032-RA-A		■		10 ft. (3 m)	TLALTAK	AL36CL	26.69 in. (677.9 mm)	7.03 lb. (3.19 kg)
VTOHW-032-RB-A		■		10 ft. (3 m)	TLALTAK	36C	22.73 in. (577.3 mm)	6.00 lb. (2.72 kg)
VTOHW-032-RF-A		■		10 ft. (3 m)	TLALTAK	36CL	26.53 in. (673.9 mm)	7.89 lb. (3.58 kg)
VTOHW-031-DJ-O-TB	■		■	10 ft. (3 m)	ALTAK	FP5K	59.88 in. (1521.0 mm)	3.04 lb. (1.38 kg)
VTOHW-032-RJ-O-TB		■	■	10 ft. (3 m)	TLALTAK	FP5K	52.24 in. (1326.9 mm)	6.08 lb. (2.76 kg)



V-TEC Web PFL, 10 ft. (3 m), CSA

Part Number	Type			Line Length	Anchorage Connection	Harness Connection	Retracted Length	Weight
	Single-Leg	Twin-Leg	Tieback					
VTOHW-031-DA-C	■			10 ft. (3 m)	ALTAK	AL36CL	28.62 in. (726.9 mm)	3.64 lb. (1.65 kg)
VTOHW-031-DB-C	■			10 ft. (3 m)	ALTAK	36C	24.66 in. (626.4 mm)	3.11 lb. (1.41 kg)
VTOHW-031-DD-C	■			10 ft. (3 m)	ALTAK	ALTAK	23.66 in. (601.0 mm)	2.54 lb. (1.15 kg)
VTOHW-031-DE-C	■			10 ft. (3 m)	ALTAK	36CS	25.74 in. (653.8 mm)	3.35 lb. (1.52 kg)
VTOHW-031-DM-C	■			10 ft. (3 m)	ALTAK	36CLS	23.23 in. (590.0 mm)	3.86 lb. (1.75 kg)
VTOHW-031-ZA-C	■			10 ft. (3 m)	None	AL36CL	23.74 in. (603.0 mm)	3.33 lb. (1.51 kg)
VTOHW-031-ZB-C	■			10 ft. (3 m)	None	36C	19.77 in. (502.2 mm)	2.82 lb. (1.28 kg)
VTOHW-031-ZC-C	■			10 ft. (3 m)	None	ALAKS	21.06 in. (534.9 mm)	2.43 lb. (1.10 kg)
VTOHW-031-ZD-C	■			10 ft. (3 m)	None	ALTAK	18.77 in. (476.8 mm)	2.25 lb. (1.02 kg)
VTOHW-032-RA-C		■		10 ft. (3 m)	TLALTAK	AL36CL	26.69 in. (677.9 mm)	7.03 lb. (3.19 kg)
VTOHW-032-RB-C		■		10 ft. (3 m)	TLALTAK	36C	22.73 in. (577.3 mm)	6.00 lb. (2.72 kg)
VTOHW-032-RM-C		■		10 ft. (3 m)	TLALTAK	36CLS	23.23 in. (590.0 mm)	7.78 lb. (3.53 kg)

V-TEC Cable PFL, 10 ft. (3 m), ANSI

Part Number	Type		Line Length	Anchorage Connection	Harness Connection	Retracted Length	Weight
	Single-Leg	Twin-Leg					
VTOHG-031-DE-A	■		10 ft. (3 m)	36CS	ALTAK	31.6 in. (802.6 mm)	7.11 lb. (3.23 kg)
VTOHG-031-DM-A	■		10 ft. (3 m)	36CLS	ALTAK	33.4 in. (848.4 mm)	7.15 lb. (3.24 kg)
VTOHG-031-DC-A	■		10 ft. (3 m)	ALAKS	ALTAK	30.6 in. (777.2 mm)	7.24 lb. (3.28 kg)
VTOHG-031-ZC-A	■		10 ft. (3 m)	ALAKS	NONE	26.6 in. (675.6 mm)	6.82 lb. (3.09 kg)
VTOHG-031-ZE-A	■		10 ft. (3 m)	36CS	NONE	27.6 in. (701.0 mm)	6.86 lb. (3.11 kg)
VTOHG-031-ZM-A	■		10 ft. (3 m)	36CLS	NONE	29.4 in. (746.8 mm)	6.95 lb. (3.15 kg)

V-TEC Cable PFL, 10 ft. (3 m), CSA

Part Number	Type		Line Length	Anchorage Connection	Harness Connection	Retracted Length	Weight
	Single-Leg	Twin-Leg					
VTOHG-031-DE-C	■		10 ft. (3 m)	36CS	ALTAK	31.6 in. (802.6 mm)	7.11 lb. (3.23 kg)
VTOHG-031-DM-C	■		10 ft. (3 m)	36CLS	ALTAK	33.4 in. (848.4 mm)	7.15 lb. (3.24 kg)
VTOHG-031-DC-C	■		10 ft. (3 m)	ALAKS	ALTAK	30.6 in. (777.2 mm)	7.24 lb. (3.28 kg)
VTOHG-031-ZC-C	■		10 ft. (3 m)	ALAKS	NONE	26.6 in. (675.6 mm)	6.82 lb. (3.09 kg)
VTOHG-031-ZE-C	■		10 ft. (3 m)	36CS	NONE	27.6 in. (701.0 mm)	6.86 lb. (3.11 kg)
VTOHG-031-ZM-C	■		10 ft. (3 m)	36CLS	NONE	29.4 in. (746.8 mm)	6.95 lb. (3.15 kg)



Available Connectors

V-TEC PFL offers an aluminum top carabiner and a variety of available connectors.

				
AL36CL	AL36CLS	36C	ALTAKS Aluminum Triple Action Carabiner, Non-Indicator Swivel	ALTAK Aluminum Triple Action Carabiner
				
36CS Non-Indicator Swivel	36CL	FP5K Tie-back only	TLALTAK Twin-Link Aluminum Triple Action Carabiner	

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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