

TURBOLITE™+ PFL WEB

TECHNICAL DATA
SP408 Rev. L
Aug. 2024

The compact and lightweight Miller TurboLite™+ Personal Fall Limiter (PFL) provides the same working capacity as a traditional shock-absorbing lanyard while instantly arresting a free fall within inches.

MATERIALS

- Housing: High impact nylon
- Hub: Shock-absorbing engineered co-polymer
- Lifeline: Vectran core webbing, polyester jacket
- Braking Mechanism: Stainless steel
- Webbing: Vectran core, polyester jacket
1" wide x 0.06" thick (25.4mm x 1.5mm)
1" wide x 0.06" thick (25.4mm x 1.5mm)
- Thread: Polyester
- Connectors: See images at the end for more details

TECHNICAL

- Min. Working Capacity: 130 lb (59 kg)
- Max. Working Capacity: See SKU table for capacity ratings
- Working Length Capacity: 6 ft (1.8 m), 8 ft (2.4 m), 9 ft (2.74 m),
11 ft (3.35 m)

ACTUAL PERFORMANCE*

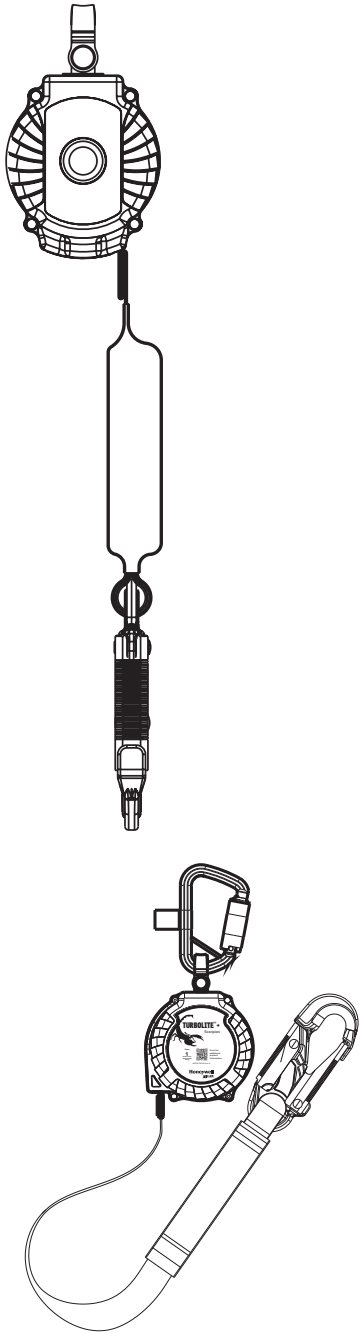
SRL-P LENGTH	DEVICE CLASS (ANSI Z359.14 2021)	AVERAGE FALL ARREST LOAD -ACTUAL-	PEAK FORCE -ACTUAL-	ARREST DISTANCE - ACTUAL-
4.5 to 6.0 ft	Class 1	900 lbf	1250 lbf	21 inches
6.1 to 9.0 ft	Class 1	900 lbf	1300 lbf	35 inches
9.1 to 11.0 ft	Class 1	900 lbf	1350 lbf	39 inches

*LIMITS PER STANDARD

STANDARD	DEVICE CLASS	MAX. AVERAGE FALL ARREST FORCE	MAXIMUM PEAK FORCE	MAXIMUM ARREST DISTANCE	STATIC STRENGTH
ANSI	Class 1	1350 lbf	1800 lbf	42 inches	3600 lbf
CSA	Class SRL	1350 lbf	1800 lbf	47 inches	2990 lbf

CERTIFICATION

Meets OSHA 1926.502, 1910.140
Certified ANSI Z359.14-2021 Class 1 and CSA Z259.2.2-17 Class SRL



SKU	Length	Lifeline Type	Unit Connector	Lifeline Connector	Weight	Max. Working Capacity	
						ANSI / CSA	OSHA
TURBOLITE+ 6 ft							
MTL-OHW1-01/6FT	6 ft (1.8 m)	Single	Steel Carabiner	Steel Locking Snap Hook	4.5 lb (2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-02/6FT	6 ft (1.8 m)	Single	Steel Carabiner	Steel Locking Rebar Hook	3.4 lb (1.5 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-03/6FT	6 ft (1.8 m)	Single	No unit connector	Steel Locking Snap Hook	4 lb (1.8 lb)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-04/6FT	6 ft (1.8 m)	Single	No unit connector	Steel Locking Rebar Hook	2.9 lb (1.3 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-05/6FT	6 ft (1.8 m)	Single	No unit connector	Steel Locking Swivel Snap Hook	3.1 lb (1.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-06/6FT	6 ft (1.8 m)	Single	No unit connector	Steel Locking Swivel Rebar Hook	3 lb (1.3 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-07/6FT	6 ft (1.8 m)	Single	Aluminum Carabiner	Aluminum Locking Snap Hook	4.2 lb (1.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-08/6FT	6 ft (1.8 m)	Single	Aluminum Carabiner	Aluminum Locking Rebar Hook	3.2 lb (1.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-09/6FT	6 ft (1.8 m)	Single	Steel D-Ring Swivel Hook	Steel Locking Snap Hook	4.5 lb (2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-10/6FT	6 ft (1.8 m)	Single	Steel D-Ring Swivel Hook	Steel Locking Rebar Hook	3.4 lb (1.5 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-11/6FT	6 ft (1.8 m)	Single	Steel Locking Snap Hook	Steel Locking Snap Hook	6 lb (2.7 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-12/6FT	6 ft (1.8 m)	Single	Steel Locking Snap Hook	Steel Locking Rebar Hook	4.9 lb (2.2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-14/6FT	6 ft (1.8 m)	Single	Aluminum Locking Snap Hook	Aluminum Locking Snap Hook	5.4 lb (2.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-15/6FT	6 ft (1.8 m)	Single	Aluminum Locking Snap Hook	Aluminum Locking Rebar Hook	4.4 lb (1.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-17/6FT	6 ft (1.8 m)	Single	No unit connector	Aluminum Locking Rebar Hook	2.7lb (1.2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-38/6FT	6 ft (1.8 m)	Single	Aluminum Carabiner	Aluminum Carabiner	3.1 lb (1.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-58/6FT	6 ft (1.8 m)	Single	Aluminum Carabiner	Aluminum Locking Rebar Hook	3.2 lb (1.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW2-21/6FT	6 ft (1.8 m)	Twin	G2 Twin Connector	Steel Locking Snap Hooks	8 lb (3.6 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW2-22/6FT	6 ft (1.8 m)	Twin	G2 Twin Connector	Steel Locking Rebar Hooks	5.8 lb (2.6 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW2-27/6FT	6 ft (1.8 m)	Twin	G2 Twin Connector	Aluminum Locking Snap Hooks	7.4 lb (3.3 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW2-28/6FT	6 ft (1.8 m)	Twin	G2 Twin Connector	Aluminum Locking Rebar Hooks	5.4 lb (2.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)

SKU	Length	Lifeline Type	Unit Connector	Lifeline Connector	Weight	Max. Working Capacity	
						ANSI / CSA	OSHA
TURBOLITE+ 11 ft							
MTL-OHW1-01/11FT	11 ft (3.3 m)	Single	Steel Carabiner	Steel Locking Snap Hook	5.1 lb (2.3 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-03/11FT	11 ft (3.3 m)	Single	No unit connector	Steel Locking Snap Hook	4.5 lb (2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-04/11FT	11 ft (3.3 m)	Single	No unit connector	Steel Locking Rebar Hook	3.4 lb (1.5 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-05/11FT	11 ft (3.3 m)	Single	No unit connector	Steel Locking Swivel Snap Hook	3.6 lb (1.6 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-07/11FT	11 ft (3.3 m)	Single	Aluminum Carabiner	Aluminum Locking Snap Hook	4.8 lb (2.1 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-11/11FT	11 ft (3.3 m)	Single	Steel Locking Snap Hook	Steel Locking Snap Hook	6.5 lb (2.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-12/11FT	11 ft (3.3 m)	Single	Steel Locking Snap Hook	Steel Locking Rebar Hook	5.4 lb (2.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-38/11FT	11 ft (3.3 m)	Single	Aluminum Carabiner	Aluminum Carabiner	3.6 lb (1.6 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-58/11FT	11 ft (3.3 m)	Single	Aluminum Carabiner	Aluminum Locking Rebar Hook	3.8 lb (1.7 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW1-71/11FT	11 ft (3.3 m)	Single	Steel Locking Rebar Hook	Steel Locking Snap Hook	5.4 lb (2.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW2-21/11FT	11 ft (3.3 m)	Twin	G2 Twin Connector	Steel Locking Snap Hooks	9.1 lb (4.1 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW2-22/11FT	11 ft (3.3 m)	Twin	G2 Twin Connector	Steel Locking Rebar Hooks	6.9 lb (3.1 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW2-27/11FT	11 ft (3.3 m)	Twin	G2 Twin Connector	Aluminum Locking Snap Hooks	8.5 lb (3.8 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHW2-28/11FT	11 ft (3.3 m)	Twin	G2 Twin Connector	Aluminum Locking Rebar Hooks	6.5 lb (2.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)

SKU	LENGTH	LIFELINE TYPE	UNIT CONNECTOR	LIFELINE CONNECTOR	WEIGHT	MAX. WORKING CAPACITY	
						ANSI / CSA	OSHA
TURBOLITE+ SCORPION 7 ft							
STL-OHS1-01/7FT	7 ft (2.1 m)	Single	Stainless Steel Twist Lock Carabiner	Steel Locking Snap Hook	3.7 lb (1.7 kg)	310 lb (141 kg)	420 lb (190.5 kg)
TURBOLITE+ SCORPION 8 ft							
STL-OHS1-01/8FT	8 ft (2.4 m)	Single	Stainless Steel Twist Lock Carabiner	Steel Locking Snap Hook	4 lb (1.82 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-01/8FT	8 ft (2.4 m)	Single	Steel Carabiner	Steel Locking Snap Hook	4.2 lb (1.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-05/8FT	8 ft (2.4 m)	Single	No unit connector	Steel Locking Swivel Snap Hook	3.4 lb (1.5 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-91/8FT	8 ft (2.4 m)	Single	Steel Swivel with no connector	Steel Locking Snap Hook	2.7 lb (1.2 kg)	310 lb (141 kg)	420 lb (190.5 kg)

SKU	Length	Lifeline Type	Unit Connector	Lifeline Connector	Weight	Max. Working Capacity	
						ANSI / CSA	OSHA
TURBOLITE+ SCORPION 9 ft							
MTL-OHS1-01/9FT	9 ft (2.7 m)	Single	Steel Carabiner	Steel Locking Snap Hook	4.9 lb (2.2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-02/9FT	9 ft (2.7 m)	Single	Steel Carabiner	Steel Locking Rebar Hook	5 lb (2.2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-03/9FT	9 ft (2.7 m)	Single	No unit connector	Steel Locking Snap Hook	4.3 lb (1.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-05/9FT	9 ft (2.7 m)	Single	No unit connector	Steel Locking Swivel Snap Hook	3.4 lb (1.5 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-07/9FT	9 ft (2.7 m)	Single	Aluminum Carabiner	Aluminum Locking Snap Hook	4 lb (1.82 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-09/9FT	9 ft (2.7 m)	Single	Steel D-Ring Swivel Hook	Steel Locking Snap Hook	4.3 lb (1.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-11/9FT	9 ft (2.7 m)	Single	Steel Locking Snap Hook	Steel Locking Snap Hook	6.3 lb (2.8 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-14/9FT	9 ft (2.7 m)	Single	Aluminum Locking Snap Hook	Aluminum Locking Snap Hook	3.8 lb (1.7 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-15/9FT	9 ft (2.7 m)	Single	Aluminum Locking Snap Hook	Aluminum Locking Rebar Hook	5 lb (2.2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-16/9FT	9 ft (2.7 m)	Single	No unit connector	Aluminum Locking Snap Hook	3.2 lb (1.4 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-17/9FT	9 ft (2.7 m)	Single	No unit connector	Aluminum Locking Rebar Hook	4.2 lb (1.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS2-21/9FT	9 ft (2.7 m)	Twin	G2 Twin Connector	Steel Locking Snap Hook	6.8 lb (3.0 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS2-22/9FT	9 ft (2.7 m)	Twin	G2 Twin Connector	Steel Locking Rebar Hook	8.8 lb (3.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS2-27/9FT	9 ft (2.7 m)	Twin	G2 Twin Connector	Aluminum Locking Snap Hook	6.4 lb (2.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS2-28/9FT	9 ft (2.7 m)	Twin	G2 Twin Connector	Aluminum Locking Rebar Hook	8 lb (3.6 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-38/9FT	9 ft (2.7 m)	Single	Aluminum Carabiner	Aluminum Carabiner	3.4 lb (1.5 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-55/9FT	9 ft (2.7 m)	Single	Steel Carabiner	Steel Locking Swivel Snap Hook	4.2 lb (1.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-58/9FT	9 ft (2.7 m)	Single	Aluminum Carabiner	Aluminum Locking Rebar Hook	5 lb (2.2 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-71/9FT	9 ft (2.7 m)	Single	Steel Locking Rebar Hook	Steel Locking Snap Hook	5.2 lb (2.3 kg)	310 lb (141 kg)	420 lb (190.5 kg)
MTL-OHS1-90/9FT	9 ft (2.7 m)	Single	Steel Swivel Carabiner	Steel Locking Swivel Snap Hook	4.2 lb (1.9 kg)	310 lb (141 kg)	420 lb (190.5 kg)



Aluminum Twist Lock Carabiner



Steel Locking Swivel Rebar Hook



Aluminum Locking Rebar Hook



Aluminum Locking Snap Hook



Steel Swivel Carabiner



Stainless Steel Twist Lock Carabiner



Steel Locking Swivel Snap Hook



Steel Locking Rebar Hook



Steel Locking Snap Hook

Limitless Possibilities. Ask the Expert.
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⚠ This equipment should only be used after reading and understanding the manufacturer's instructions. Failure to follow instructions could result in serious injury or fatality.

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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell