

# TURBOLITE™+ PFL WEB

TECHNICAL DATA

SP408 Rev. K

May 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

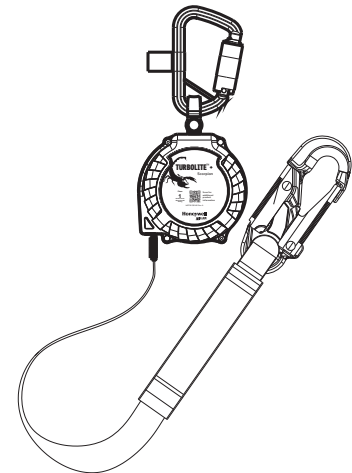
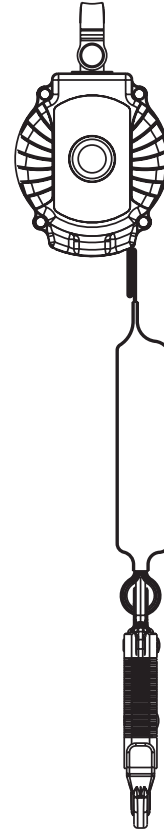
Housing:	High impact nylon
Hub:	Shock-absorbing engineered co-polymer
Lifeline:	Vectran core webbing, polyester jacket
Braking Mechanism:	Stainless steel
Webbing:	Vectran core, polyester jacket 1" wide x 0.06" thick (25.4mm x 1.5mm) 1" wide x 0.06" thick (25.4mm x 1.5mm)
Thread:	Polyester
Connectors: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

## TECHNICAL

Min. Working Capacity:	130 lb (59 kg)
Max. Working Capacity:	See table below 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)
Max. Arrest Distance:	24 in (0.6 m) (when tested to ANSI Z359.14) 47 in (1.19 m) (when tested to CSA Z259.2.2)
Avg. Arresting Force:	1350 lb (6 kN) (when tested to ANSI Z359.14)
Max. Peak Arresting Force:	900 lb (4kN) for 310 lb (140 kg) user and 1800 lb (8kN) up to 420 lb (190.5 kg) user (using the ANSI test method for Overhead SRL) 1,800 lb 8kN (when tested to CSA Z259.2.2)
Ultimate Strength:	3,000 lb (13.34kN)

## CERTIFICATION

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



SKU	LENGTH	LIFELINE TYPE	UNIT CONNECTOR	LIFELINE CONNECTOR	WEIGHT	MAX. WORKING CAPACITY	
						ANSI / CSA	OSHA
<b>TURBOLITE+ 6 ft</b>							
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
<b>TURBOLITE+ 11 ft</b>							
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
<b>TURBOLITE+ SCORPION 7 ft</b>							
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)
<b>TURBOLITE+ SCORPION 8 ft</b>							
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
<b>TURBOLITE+ SCORPION 9 ft</b>							
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

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Honeywell Safety Products USA, Inc.  
 855 S Mint St  
 Charlotte, NC 28202  
[www.honeywell.com](http://www.honeywell.com)

**⚠** 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.

USA  
 Phone: 800.430.5490  
 Fax: 800.322.1330

Canada  
 Phone: 888.212.7233  
 Fax: 888.667.8477

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 FUTURE  
 IS  
 WHAT  
 WE  
 MAKE IT**

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