

MILLER® TURBOLITE™ MAX SMOOTH EDGE PERSONAL FALL LIMITER

TECHNICAL DATA

SP522 Rev. D

Jul 2022

The TurboLite Edge MAX is a Personal Fall Limiter designed for use in smooth edge applications with radius ≥ 0.060 in (1.5 mm). It is equipped with an easy to install shock-absorbing connector system and abrasion-resistant Spectra® webbing lifeline. Both single and twin configurations are available in 6 ft, 9 ft and 12 ft lengths with a variety of connector options.

MATERIALS

- Shock Absorber Cover: Ballistic nylon
- Harness Connector: Anodized aluminum
- Housing: High impact nylon
- Hub: Nylon and aluminum
- Braking Mechanism: Stainless steel
- Lifeline: Honeywell Spectra® webbing

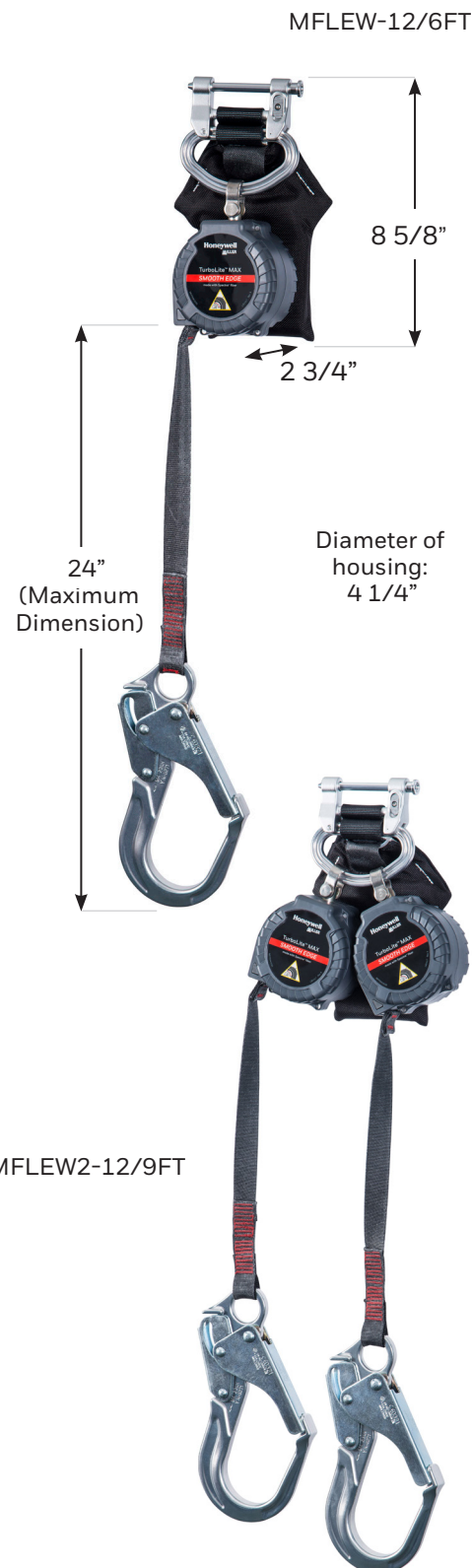
TECHNICAL

- Edge Radius: > 0.060 in (1.5 mm)
Max. Working Load: 420 lb (190.5 kg)
Working Length: 6 ft (1.8 m), 9 ft (2.7 m) and 12 ft (3.7 m)
Max. Arrest Distance: 42 in (1.1 m) (When tested to ANSI Z359.14 for overhead use.
Minimum clearance required for over-edge applications:
14-20 ft (4.3-6.1 m) for 310 lb user;
16-22 ft (4.9-6.7 m) for 420 lb user.

- Avg. Arresting Force: 900 lb (4kN) (when tested to ANSI Z359.14)
Max. Peak Arresting Force: 1800 lb (8kN) (when tested to ANSI Z359.14)
Min. Ultimate Strength: 3,000 lb (13.34 kN)

CERTIFICATIONS

Meets OSHA 1926.502, ANSI Z359.14, Class B and CSA Z259.2.2 requirements.



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CONFIGURATION	LIFELINE CONNECTOR	LENGTH			WEIGHT (LB)		
		6 ft	9 ft	12 ft	6 ft	9 ft	12 ft
SINGLE	Steel Locking Snap Hook	MFLEW-3/6FT	MFLEW-3/9FT	MFLEW-3/12FT	3.5 (1.6 kg)	3.5 (1.6 kg)	3.6 (1.6 kg)
	Steel Locking Rebar Hook	MFLEW-4/6FT	MFLEW-4/9FT	MFLEW-4/12FT	4.4 (2.0 kg)	4.4 (2.0 kg)	4.5 (2.0 kg)
	Aluminum Locking Snap Hook	MFLEW-11/6FT	MFLEW-11/9FT	MFLEW-11/12FT	3.2 (1.5 kg)	3.2 (1.5 kg)	3.3 (1.5 kg)
	Aluminum Locking Rebar Hook	MFLEW-12/6FT	MFLEW-12/9FT	MFLEW-12/12FT	4.0 (1.8 kg)	4.0 (1.8 kg)	4.1 (1.9 kg)
	Aluminum Captive Eye Carabiner	MFLEW-18/6FT	MFLEW-18/9FT	MFLEW-18/12FT	3.0 (1.4 kg)	3.0 (1.4 kg)	3.1 (1.4 kg)
TWIN	Steel Locking Snap Hooks	MFLEW2-3/6FT	MFLEW2-3/9FT	MFLEW2-3/12FT	5.9 (2.7 kg)	5.9 (2.8 kg)	6.0 (2.7 kg)
	Steel Locking Rebar Hooks	MFLEW2-4/6FT	MFLEW2-4/9FT	MFLEW2-4/12FT	7.7 (3.5 kg)	7.8 (3.5 kg)	7.9 (3.6 kg)
	Aluminum Locking Snap Hooks	MFLEW2-11/6FT	MFLEW2-11/9FT	MFLEW2-11/12FT	5.3 (2.3 kg)	5.3 (2.3 kg)	5.4 (2.4 kg)
	Aluminum Locking Rebar Hooks	MFLEW2-12/6FT	MFLEW2-12/9FT	MFLEW2-12/12FT	6.9 (3.1 kg)	7.0 (3.1 kg)	7.1 (3.2 kg)
	Aluminum Captive Eye Carabiners	MFLEW2-18/6FT	MFLEW2-18/9FT	MFLEW2-18/12FT	4.9 (2.2 kg)	4.9 (2.2 kg)	5.0 (2.3 kg)



Steel Snap Hook
3/4 in. (19.1 mm)
Gate Opening



Aluminum Snap Hook
3/4 in. (19.1 mm)
Gate Opening



Steel Rebar Hook
2 1/2 in. (63.5 mm)
Gate Opening



Aluminum Rebar Hook
2 1/2 in. (63.5 mm)
Gate Opening



Aluminum
Captive-eye Carabiner
.86 in. (22 mm) Gate Opening

Limitless Possibilities. Ask the Expert.
Technical Service: 800.873.5242
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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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FUTURE
IS
WHAT
WE
MAKE IT**

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