



TECHNICAL DATA
SP523 Rev A/12-16

Miller® TurboLite™ T-BAK™ MAX Smooth Edge Personal Fall Limiter

Description

The TurboLite Edge T-BAK MAX is a Personal Fall Limiter designed for tie-back use in smooth edge applications with radius ≥ 0.060 in (1.5 mm). Equipped with an easy to install shock-absorbing connector system and abrasion-resistant Vectran™ webbing lifeline, the product meets ANSI Z359.14 Class B requirements. Both single and twin configurations are available in 7.5 ft. and 10.5 ft. lengths each equipped with the Miller 5K® locking snap hook.

Materials

Shock Absorber Cover: Ballistic nylon
Harness Connector: Anodized aluminum
Housing: High impact nylon
Hub: Nylon and aluminum
Braking Mechanism: Stainless steel
Lifeline: Vectran™ webbing

Technical

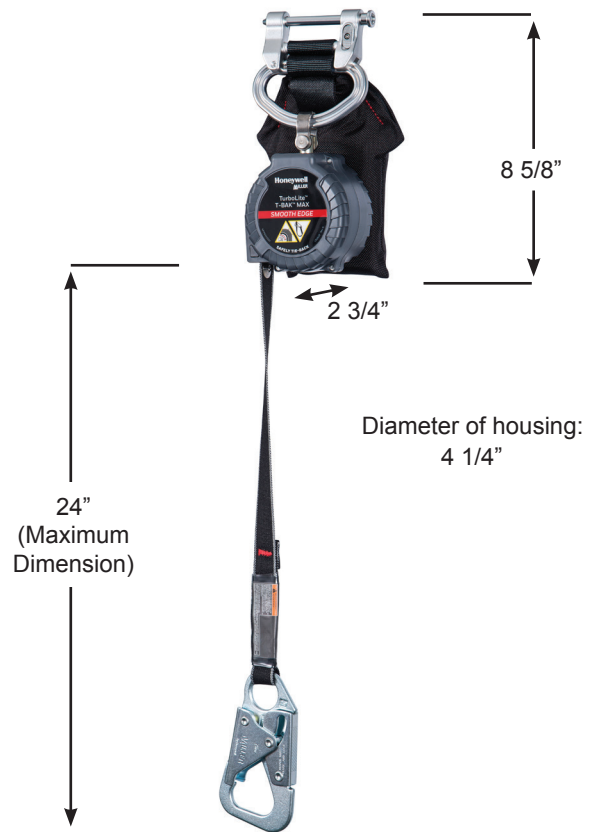
Edge Radius: ≥ 0.060 in. (1.5 mm)
Max. Working Load: 420 lbs. (190.5 kg)
Working Length: 7.5 ft. (2.3 m), 10.5 ft. (3.2 m)
Max. Arrest Distance: 42 in. (1.1 m) (When tested to ANSI Z359.14 for overhead use. Minimum clearance required for over-edge applications: 14-20 ft. (4.3-6.1 m) for 310 lb. user; 16-22 ft. (4.9-6.7 m) for 420 lb. user.)
Avg. Arresting Force: 900 lbs. (4kN) (when tested to ANSI Z359.14)

Max. Peak Arresting Force: 1,800 lbs. (8kN) (when tested to ANSI Z359.14)

Minimum Ultimate Strength: 3,000 lbs. (13.34 kN)

Certifications

Meets OSHA 1926.502, ANSI A10.32, and ANSI Z359.14, Class B requirements



MFLET-1/7.5FT

Miller® TurboLite™ T-BAK MAX Smooth Edge Personal Fall Limiter

Configuration	Lifeline Connector	Model Number		Weight (lbs.)	
		7.5 ft.	10.5 ft.	7.5 ft.	10.5 ft.
Single	5K® Steel Locking Tie-Back Hook	MFLET-1/7.5FT	MFLET-1/10.5FT	3.5 (1.6 kg)	3.6 (1.6 kg)
Twin	5K® Steel Locking Tie-Back Hooks	MFLET2-1/7.5FT	MFLET2-1/10.5FT	6.0 (2.7 kg)	6.1 (2.8 kg)




Miller 5K® Snap Hook
0.87 in (22 mm)
Gate Opening

Limitless Possibilities. Ask the Expert.
Technical Service: 800.873.5242
www.millerfallprotection.com

Honeywell Industrial Safety
900 Douglas Pike
Smithfield, RI 02917

USA
Phone: 800.430.5490
Fax: 800.322.1330

Canada
Phone: 888.212.7233
Fax: 888.667.8477

 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.