



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  $\geq 0.060$  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

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

## Technical

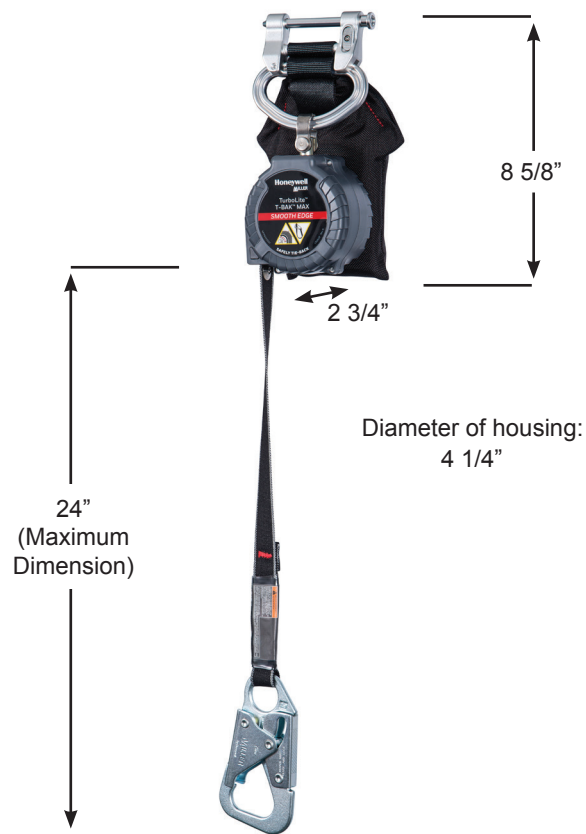
<b>Edge Radius:</b>	$\geq 0.060$ in. (1.5 mm)
<b>Max. Working Load:</b>	420 lbs. (190.5 kg)
<b>Working Length:</b>	7.5 ft. (2.3 m), 10.5 ft. (3.2 m)
<b>Max. Arrest Distance:</b>	42 in. (1.1 m) (When tested to ANSI Z359.14 for overhead use. Minimum clearance required for over-edge applications: 14-20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

<b>Max. Peak Arresting Force:</b>	1,800 lbs. (8kN) (when tested to ANSI Z359.14)
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<b>Minimum Ultimate Strength:</b>	3,000 lbs. (13.34 kN)
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## 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](http://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.