



TECHNICAL DATA
SP521 Rev A/12-16

Miller® TurboLite™ T-BAK EXTREME Sharp Edge Personal Fall Limiter

Description

The TurboLite Edge T-BAK Extreme is a Personal Fall Limiter designed for tie-back use in sharp edge applications with radius ≥ 0.005 in. (0.13 mm). Equipped with an easy to install shock-absorbing connector system and galvanized cable lifeline with a web tie-back extension, the product meets ANSI Z359.14 Class B and ANSI Leading Edge (LE) regulations. Both single and twin configurations are available in 8 ft. and 11 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: Aluminum
Braking Mechanism: Stainless steel
Lifeline: 3/16 in. diameter galvanized steel with Vectran™ web tie-back.

Technical

Edge Radius: ≥ 0.005 in. (.13 mm)
Max. Working Load: 420 lbs. (190.5 kg)
Working Length: 8 ft. (2.4 m) and 11 ft. (3.4 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, ANSI Z359.14, Class B and LE (Leading Edge) requirements.



MFLEC-20/8FT

Miller® TurboLite™ T-BAK EXTREME Sharp Edge Personal Fall Limiter

Configuration	Lifeline Connector	Model Number		Weight (lbs.)	
		8 ft.	11 ft.	8 ft.	11 ft.
Single	5K® Steel Locking Tie-Back Hook	MFLEC-20/8FT	MFLEC-20/11FT	4.3 (1.9 kg)	4.5 (2.0 kg)
Twin	5K® Steel Locking Tie-Back Hooks	MFLEC2-20/8FT	MFLEC2-20/11FT	7.5 (3.4 kg)	7.9 (3.6 kg)



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

Limitless Possibilities. Ask the Expert.

Technical Service: 800.873.5242
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Honeywell Industrial Safety


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USA

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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.