

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 $5K^{\circledast}$ locking snap hook.

Materials

Shock Absorber Cover: Ballistic nylon
Harness Connector: Anodyzed aluminum
Housing: High impact nylon
Aluminum

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: ≥ 0.005 in. (.13 mm) 420 lbs. (190.5 kg)

Working Length:

Max. Arrest Distance:

8 ft. (2.4 m) and 11 ft. (3.4 m)

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

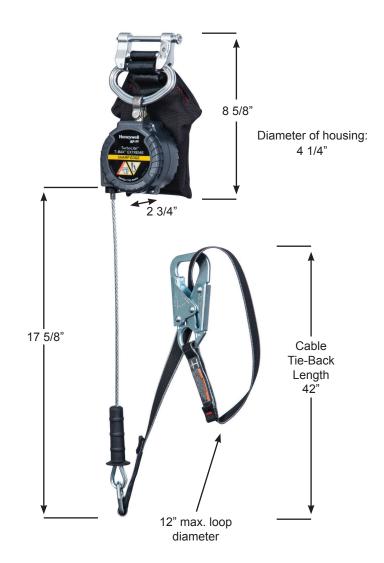
ANSI Z359.14)

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

	Model Number		Weight (lbs.)		
Configuration	Lifeline Connector	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

www.millerfallprotection.com

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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.