

**Honeywell**  
**MILLER**



## **Miller® TurboLite™ Edge Personal Fall Limiter**

When The Job Takes You to the Edge: Depend on Miller

# Do You Know Where Your Edges Are?

In work sites of every variety, edges are much more common than people realize – and they may pose a greater risk than you'd expect.

Whether you're laying roofing, traversing a beam, or simply working near the unprotected sides of an upper floor, falls over an edge are more hazardous than other falls.

Without protection designed for edges, traditional lifelines risk being severed and the force upon the worker in the event of a fall is significantly increased. Honeywell estimates that as many as 80% of fall-protection users have applications in which a lifeline will come in contact with an edge in the event of a fall.

## Edges in Fall Protection Applications

### Sharp Edge Applications

≥ 0.005 in (0.13 mm)

### Smooth Edge Applications

≥ 0.060 in (1.5 mm)

## ANSI's New Standard for Safety

As awareness of this threat grows, new safety standards have been defined. The most stringent is ANSI Z359.14-2014 LE (Leading Edge), which requires leading-edge protection to meet criteria such as:

- Edge radius as sharp as 0.005 in (0.13 mm)
- Safe for users connected at foot level
- Requires an integral shock-absorber at the worker connection



## Honeywell Has Your Back: The Miller TurboLite™ Edge Series

Honeywell's extensive series of Miller TurboLite Personal Fall Limiters (PFLs) is even more versatile with the introduction of the TurboLite Edge Series.

Whether you work in construction, industrial, or even wind power, units for sharp and smooth edges including options for tie-back applications will help you ensure workers are safe in applications requiring foot-level tie-off or work near edges.

# Make Confidence Your True Edge

TurboLite Edge PFLs are engineered to deliver the assurance you expect from Miller, and are available in a wide range of lengths with innovative features:

**Safe** – Models are available for sharp and smooth edges and include an integral shock absorber to keep the lifeline intact in the event of a fall over an edge.

**Versatile** – Can be connected at foot-level and above for workers up to **420 lbs.**

**Repairable** – If one unit of a twin model is damaged, the product can be sent into Honeywell for replacement.

**Compact and Lightweight** – Reduce your fatigue, increase your productivity.

**Simple** – Easy to install, easy to use.

**Configurable** – A wide range of working lengths featuring cable, web, and tie-back options with a variety of lifeline connectors.

**Reduced fall clearance compared to a shock-absorbing lanyard** – Effective solution for applications with limited fall clearance.

**Durability** – High-impact nylon housing and abrasion-resistant webbing.

**Superior Mobility** – Integral swivel design increases worker mobility and prevents lifeline from twisting.

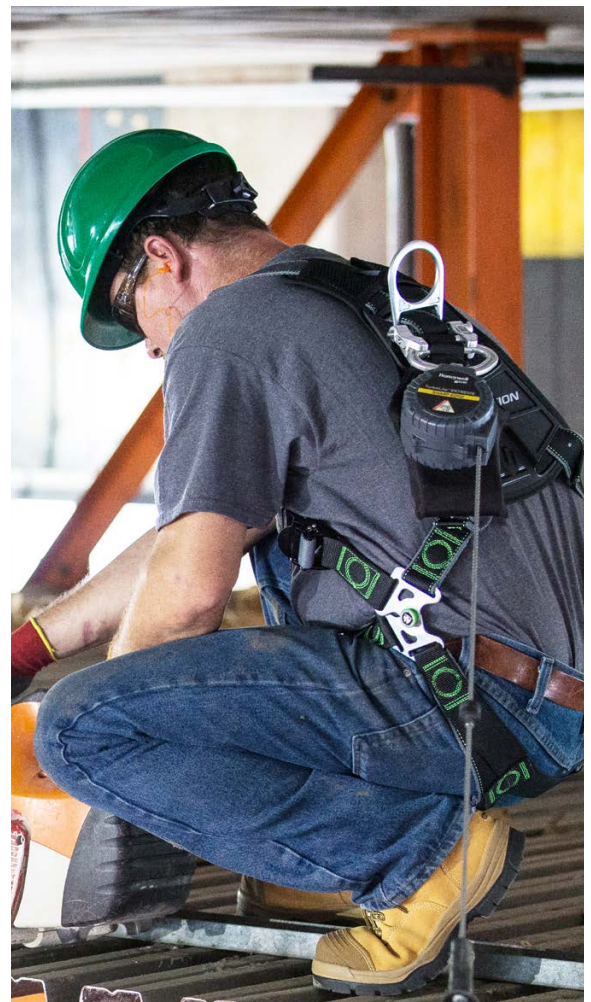
**Twin models available** – Provide for 100% tie-off connection.

## The Versatility You Need. The Safety You Depend On.

Designed for performance in edge applications, TurboLite Edge PFLs offer versatility, enhanced user mobility and maximum safety.

### What's in It for Me?

- Provides you with protection designed for sharp edges and smooth edges eliminating the risk of your lifeline being severed and reducing the force that could result in the event of a fall.
- Keeps you safe in applications that require anchoring at foot-level.
- Perfectly suits your personal profile, with the capacity to support user weights up to 420 lbs. in all connections at foot-level and above.
- Cable Leading Edge units meet the most stringent safety standards including ANSI Z359.14-2014 LE.



# Miller TurboLite™ Edge

## Competitive Advantages

### Maximizes versatility for virtually any short-range application

The TurboLite Edge offering includes working lengths from 6-ft to 12-ft to accommodate a variety of applications.

### Provides protection for a wider range of workers

With a 420-lb (189 kg) weight capacity for all connections down to foot-level, Miller TurboLite™ Edge takes adaptability to new heights.

### Enables quicker, easier installation

Forget about pin buttons that are difficult to operate, and the troublesome need to connect the shock-absorber to the harness. One pin connection, a single click and you can focus on the task at hand.

### Creates a better worker experience

Lightweight, compact harness connector with free-floating shock absorber pack keeps worker cooler, and provides a more comfortable work experience.

### Increases safety

Two buttons on harness connector, two different planes and two distinct actions provide the safest choice to prevent accidental disengagement. A red indicator line gives a warning if the pin is not properly engaged.

### Lowers cost of ownership

Durable pin activation buttons and ballistic nylon shock absorber cover along with the ability to replace a damaged unit results in a decreased cost of ownership.

### Ensures compatibility with all Miller harnesses

The product is compatible with all Miller harnesses, without any add-ons. No cumbersome straps to attach to the harness or special connectors are required for different harness sizes or configurations.

### Prevents unit slippage

An optional Back D-Pad clip is included which is highly effective in preventing slippage while providing easier connection to the harness.



# Safety, Mobility and Comfort.

## Lightweight, User-Friendly Harness Connector

A lightweight edge connector increases productivity by reducing worker fatigue. Effortless pin action allows for quick, easy installation, without the need to attach any additional straps.

## First-Rate Connector Durability

Corrosion and abrasion resistant anodized aluminum results in a longer product life and lowers the cost of ownership.

## High-Impact Resistant Nylon Housing

Provides ultimate durability extending product's service life.

## Lifeline Reliability

Galvanized cable (for Extreme units) and Spectra® or Vectran™ webbing (for Max units) are highly resistant to abrasion, cutting, and caustic chemicals.

## Efficient Tracking

An Ultra-High Frequency RFID enables asset and inspection tracking.

## Free-Floating Shock Absorber

Acting as a pad between the units and the worker, the free-floating shock absorber keeps the worker cooler, conveying great comfort and wearability.

## Great Mobility

Swivel connectors on units and free-floating harness connector allow for excellent maneuverability in any working environment.

## Durable Entry Guide Bushing

Comprised of an oil impregnated composite, the entry guide bushing protects the lifeline and housing from wear, lengthening the life of the product and minimizes the cost of ownership.



## Lifeline Connectors



**Steel Snap Hook**  
3/4" (19.1 mm)  
Gate Opening



**Aluminum Snap Hook**  
3/4" (19.1 mm)  
Gate Opening



**Steel Rebar Hook**  
2-1/2" (63.5 mm)  
Gate Opening



**Aluminum Rebar Hook**  
2-1/2" (63.5 mm)  
Gate Opening



**Aluminum Captive Eye Carabiner**  
0.86" (22 mm)  
Gate Opening



**Miller 5K® Steel Snap Hook**  
0.87" (22 mm)  
Gate Opening



### Cable Lifeline for Sharp Edge Applications

## TurboLite™ EXTREME

- Designed for use in sharp edge applications with radius  $\geq 0.005$  in (0.13 mm)
- Meets ANSI Z359.14 Class B and Leading Edge requirements
- Galvanized cable lifeline
- Available in lengths of 6-ft and 9-ft
- Single and twin configurations
- Variety of lifeline connector options

| Configuration | Lifeline Connector              | SKU/Length    |               |
|---------------|---------------------------------|---------------|---------------|
|               |                                 | 6 ft          | 9 ft          |
| Single        | Steel Locking Snap Hook         | MFLEC-3/6FT   | MFLEC-3/9FT   |
|               | Steel Locking Rebar Hook        | MFLEC-4/6FT   | MFLEC-4/9FT   |
|               | Aluminum Locking Snap Hook      | MFLEC-11/6FT  | MFLEC-11/9FT  |
|               | Aluminum Locking Rebar Hook     | MFLEC-12/6FT  | MFLEC-12/9FT  |
|               | Aluminum Captive Eye Carabiner  | MFLEC-18/6FT  | MFLEC-18/9FT  |
| Twin          | Steel Locking Snap Hooks        | MFLEC2-3/6FT  | MFLEC2-3/9FT  |
|               | Steel Locking Rebar Hooks       | MFLEC2-4/6FT  | MFLEC2-4/9FT  |
|               | Aluminum Locking Snap Hooks     | MFLEC2-11/6FT | MFLEC2-11/9FT |
|               | Aluminum Locking Rebar Hooks    | MFLEC2-12/6FT | MFLEC2-12/9FT |
|               | Aluminum Captive Eye Carabiners | MFLEC2-18/6FT | MFLEC2-18/9FT |

### Cable Lifeline with Web Tie-Back for Sharp Edge Tie-Back Applications

## TurboLite™ T-BAK™ EXTREME

- Designed for use in sharp edge, tie-back applications with radius  $\geq 0.005$  in (0.13 mm)
- Meets ANSI Z359.14 Class B and Leading Edge requirements
- Galvanized cable lifeline with Vectran™ web tie-back
- Available in lengths of 8-ft and 11-ft
- Single and twin configurations

| Configuration | Lifeline Connector               | SKU/Length    |                |
|---------------|----------------------------------|---------------|----------------|
|               |                                  | 8 ft          | 11 ft          |
| Single        | 5K® Steel Locking Tie-Back Hook  | MFLEC-20/8FT  | MFLEC-20/11FT  |
| Twin          | 5K® Steel Locking Tie-Back Hooks | MFLEC2-20/8FT | MFLEC2-20/11FT |





### Web Lifeline for Smooth Edge Applications

## TurboLite™ MAX

- Designed for use in smooth edge applications with radius  $\geq 0.060$  in (1.5 mm)
- Meets ANSI Z359.14 Class B requirements
- Honeywell Spectra® webbing lifeline provides outstanding chemical, abrasion, and cut resistance
- Available in lengths of 6-ft, 9-ft, and 12-ft
- Single and twin configurations
- Variety of lifeline connector options

| Configuration | Lifeline Connector              | SKU/Length    |               |                |
|---------------|---------------------------------|---------------|---------------|----------------|
|               |                                 | 6 ft          | 9 ft          | 12 ft          |
| Single        | Steel Locking Snap Hook         | MFLEW-3/6FT   | MFLEW-3/9FT   | MFLEW-3/12FT   |
|               | Steel Locking Rebar Hook        | MFLEW-4/6FT   | MFLEW-4/9FT   | MFLEW-4/12FT   |
|               | Aluminum Locking Snap Hook      | MFLEW-11/6FT  | MFLEW-11/9FT  | MFLEW-11/12FT  |
|               | Aluminum Locking Rebar Hook     | MFLEW-12/6FT  | MFLEW-12/9FT  | MFLEW-12/12FT  |
|               | Aluminum Captive Eye Carabiner  | MFLEW-18/6FT  | MFLEW-18/9FT  | MFLEW-18/12FT  |
| Twin          | Steel Locking Snap Hooks        | MFLEW2-3/6FT  | MFLEW2-3/9FT  | MFLEW2-3/12FT  |
|               | Steel Locking Rebar Hooks       | MFLEW2-4/6FT  | MFLEW2-4/9FT  | MFLEW2-4/12FT  |
|               | Aluminum Locking Snap Hooks     | MFLEW2-11/6FT | MFLEW2-11/9FT | MFLEW2-11/12FT |
|               | Aluminum Locking Rebar Hooks    | MFLEW2-12/6FT | MFLEW2-12/9FT | MFLEW2-12/12FT |
|               | Aluminum Captive Eye Carabiners | MFLEW2-18/6FT | MFLEW2-18/9FT | MFLEW2-18/12FT |

### Web Lifeline for Smooth Edge Tie-Back Applications

## TurboLite™ T-BAK™ MAX

- Designed for use in smooth edge applications with radius  $\geq 0.060$  in (1.5 mm)
- Meets ANSI Z359.14 Class B requirements
- Abrasion resistant Vectran™ webbing tie-back lifeline
- Available in lengths of 7.5-ft and 10.5-ft
- Single and twin configurations

| Configuration | Lifeline Connector               | SKU/Length     |                 |
|---------------|----------------------------------|----------------|-----------------|
|               |                                  | 7.5 ft         | 10.5 ft         |
| Single        | 5K® Steel Locking Tie-Back Hook  | MFLET-1/7.5FT  | MFLET-1/10.5FT  |
| Twin          | 5K® Steel Locking Tie-Back Hooks | MFLET2-1/7.5FT | MFLET2-1/10.5FT |



**Limitless Possibilities. Ask the Expert.**

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