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**MILLER**



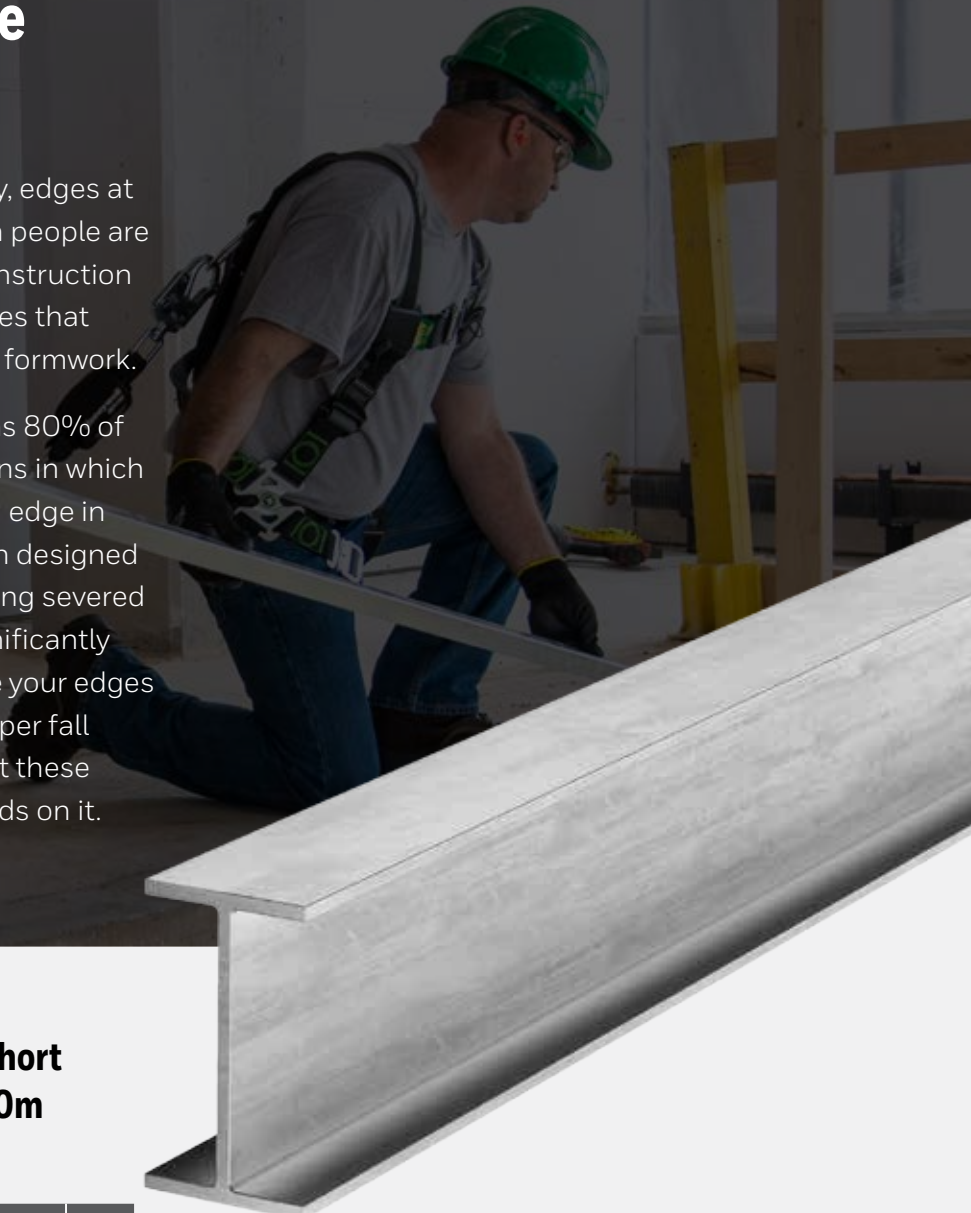
## **Miller® Falcon™ Edge Self-Retracting Lifeline**

When the job takes you to the edge: Depend on Miller

# Do You Know Where Your Edges Are?

In work environments of every variety, edges at height are much more common than people are aware of. Simply look around any construction site and note the many different edges that exist such as edges of a floor, roof or formwork.

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. Without protection designed for edges, traditional lifelines risk being severed and the force upon the worker is significantly increased. Bottom line – know where your edges are and ensure you are using the proper fall protection to protect yourself against these dangerous hazards – your life depends on it.



## Optimum safety: Quick arrest, short fall distance (fall distance < 1,40m at 136kg) overhead application

Criteria	136 kg mass	NEW Falcon Edge	Competitor A	Competitor B	Competitor C
<b>EN360 standard</b>	<ul style="list-style-type: none"> <li>Cable blocked at 0,6m</li> <li>0,6m of free fall</li> <li>Measure of the fall arrest distance</li> <li>And the maximum load</li> </ul>	1,4m 5,2kN	1,5m 5,1kN	2,1m 3,5kN	2,2m 4,6kN
<b>Edge test performance non axial</b>		1,35m 5,5kN	1,34m 6,4kN	Break 9kN	Break 6,3kN

according to EN360 VG11 rev 08 test comparison

## Complementary CE edge tests done with success on reinforced-concrete and wood edges



## Protects in all work situations (vertical and horizontal applications)

- Certified to EN360 Type B, VG11 (**Rev 08**) edge-tested, compliant with datasheet CNB/P/11.060.
- **4.2 Test mass and sample lengths:** 1- The test mass (steel weight as in EN 364: 1992) shall correspond to the nominal weight, but shall at least be 100 kg. Note: the nominal mass shall be the same as for vertical use (according to EN 360:2002)
- **4.4 Dynamic performance:** The test shall be performed on the lanyard itself. If a testing component (like mass, load cell, test connector), a cover (thimble, rubber cover) or an integral connector would hit the edge, the test shall be performed again by increasing the previous offset distance such as these components would not strike the edge.

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

Designed for performance in edge applications, Falcon Edge SRLs offer versatility, reliability, and maximum safety.

### Safe

- Designed for edge applications with an edge radius of  $\geq 0,5$  mm
- Provides protection in applications that require anchoring at foot level
- Meets the most stringent safety standards, including EN360 Type B, VG11 (Rev 08)

### Versatile

- **Perfectly suits your personal profile, with the capacity to support user weights up to 136 kg. in all connections at foot level and above**
- Provides protection for all working at height situations – horizontal, vertical, mounted overhead, anchored at foot level and work near edges
- Available in 6,2m, 9m, 15m & 18m working lengths to cover a wide range of applications

### Reliable

- **Durable design with corrosion resistant internal components extend service life and lowers cost of ownership**
- Repairable with quick turnaround time, lowers cost of ownership and increases productivity



#### ① Built-in Handle

Built-in, ergonomically-designed molded handle on 15 & 18m models provides **easy installation and transportation**

#### ② Dual Swivels

Dual swivels at top of unit and on snap hook **increase mobility** and minimize lifeline from twisting during use

#### ③ High Impact Resistant Nylon Housing

Withstands the harsh rigors of the toughest applications for **increased durability to extend service life and to lower cost of ownership**

#### ④ Unique Side Payout Design

Reduces wear on the entry guide bushing and cable providing smooth operation with less drag to **increase user mobility**. Internal entry guide bushing and roller prevent cable from cutting into housing for increased durability

#### ⑤ Integral Shock Absorber

**Integral shock absorber connected to the worker** ensures the lifeline is kept intact if a fall were to occur over an edge to **increase safety**

#### ⑥ Durable Shock Absorber Cover

Ergonomic sealed & robust handle (patent pending) **including fall indicator**



Certified to EN360 Type B,  
VG11 edge-tested, compliant  
with datasheet CNB/P/11,060.

# Falcon Edge Range

REF.	CABLE LENGTH METERS	CABLE	CONNECTORS			WEIGHT KG	DIMENSIONS MM
			TOP		BOTTOM		
			KARABINER	SWIVEL	SNAP HOOK WITH FALL INDICATOR AND INTEGRATED SWIVEL		
<b>1034052</b>	6,2	Galvanized steel	x	x	Galvanized steel	4,5	870 x 213 x 101
<b>1034053</b>	9	Galvanized steel	x	x	Galvanized steel	4,8	870 x 213 x 101
<b>1034054</b>	15	Galvanized steel	x	x	Galvanized steel	7,5	960 x 246 x 101
<b>1034055</b>	18	Galvanized steel	x	x	Galvanized steel	7,8	960 x 246 x 101
<b>1034056</b>	6,2	Stainless steel	x	x	Stainless steel	4,5	870 x 213 x 101
<b>1034057</b>	9	Stainless steel	x	x	Stainless steel	4,8	870 x 213 x 101
<b>1034058</b>	15	Stainless steel	x	x	Stainless steel	7,5	960 x 246 x 101
<b>1034059</b>	18	Stainless steel	x	x	Stainless steel	7,8	960 x 246 x 101

## Inspection and repair maintenance

In compliance with the European legislation for the class 3 PPE, the Falcon range must be yearly inspected according to the procedure described in the checklist delivered with the device.

## Periodic inspection

During the periodic inspection, there is no obligation to open the control pad. However, we recommend that the mechanism be checked by a technician trained by the manufacturer (see the maintenance and repair manual) at intervals determined by the type of use, see table below:



## Falcon Edge range

Frequency of inspection	Operating environment		
	Indoors	Indoors/Outdoors	Outdoors
	Clean atmosphere	Polluted atmosphere	Corrosive atmosphere
	Controlled temperature	Uncontrolled temperature	Extreme temperature
<b>Occasional use &lt; 50 times a year</b>	Visual inspection annually	Visual inspection annually	Visual inspection annually
<b>Weekly use 1 to 3 times a week</b>	Visual inspection annually	Visual inspection annually	Visual inspection + open* Every 5 years
<b>Daily use 1 to 5 times a day</b>	Visual inspection annually	Visual inspection + open* Every 5 years	Visual inspection + open* Annually

\*: by a technician trained by the manufacturer

**Honeywell has your back with a full range of leading edge self-retracting lifelines and personal fall limiters, including the Miller® TurboLite™ Edge Series.**

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