

FALCON™+ EDGE

TECHNICAL DATA

SP556 Rev. A

Dec. 2024

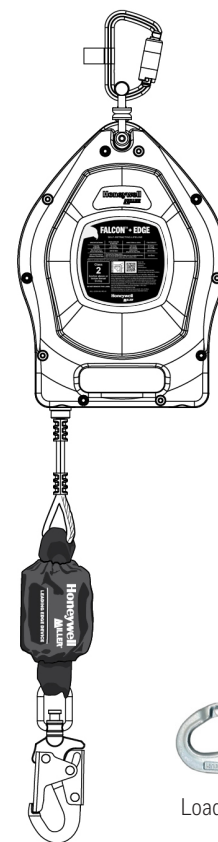
The Honeywell Miller Falcon™+ Edge Self-Retracting Device is designed to help protect a worker in applications where the lifeline could meet an edge, in the event of a fall or where foot level tie-off is needed. It can be used in overhead applications as a traditional self-retracting device.

MATERIALS

Housing:	High impact-resistant nylon
Lifeline:	0.69 in (17.5 mm) wide Core: Technora® (aramid fiber) Outer cover: Chemically treated polyester for increased abrasion resistance)
	7X19, 3/16 in galvanized 7/32 in. galvanized steel cable
Snap Hook:	Galvanized, zinc-plated steel
Carabiner:	Galvanized, zinc-plated steel
Hub:	ABS, Stainless steel or cast aluminum
Braking Mechanism:	Brass, stainless steel or aluminum
Shock Absorber Cover:	Ballistic Nylon CarbonX (Welding Applications)

TECHNICAL

Min. Working Capacity:	130 lb (59 kg)
Max. Working Capacity:	For ANSI and CSA max. capacities, refer to models table on page 2
Working Length:	20 ft (6.1 m) 30 ft (9.1 m) 50 ft (15.2 m)



Load indicator steel snap hook w/swivel

ANSI - ACTUAL PERFORMANCE BASED ON 310 lb (140 kg)*

SRD LENGTH	ANCHOR LOCATION	DEVICE CLASS (ANSI Z359.14-2021)	AVERAGE FALL ARREST LOAD -ACTUAL-	PEAK FORCE -ACTUAL-	ARREST DISTANCE - ACTUAL-
Up to 30 ft	At/above D-Ring Height	Class 2	900 lbf	1400 lbf	33 inches
	Below D-Ring Height				165 inches**
50 ft	At/above D-Ring Height	Class 2	900 lbf	1500 lbf	32 inches
	Below D-Ring Height				165 inches**

*Limits per standard.

**As per ANSI Z359.14 requirements for arrest distance (informative). See Diagram 1 on page 2..

STANDARD	DEVICE CLASS	MAX. AVERAGE FALL ARREST FORCE	MAXIMUM PEAK FORCE	MAXIMUM ARREST DISTANCE	STATIC STRENGTH
ANSI	SRL Class 2	1350 lbf	1800 lbf	42 inches Informative	3600 lbf
CSA	SRL-LE			47 inches Max. 115 inches	2900 lbf

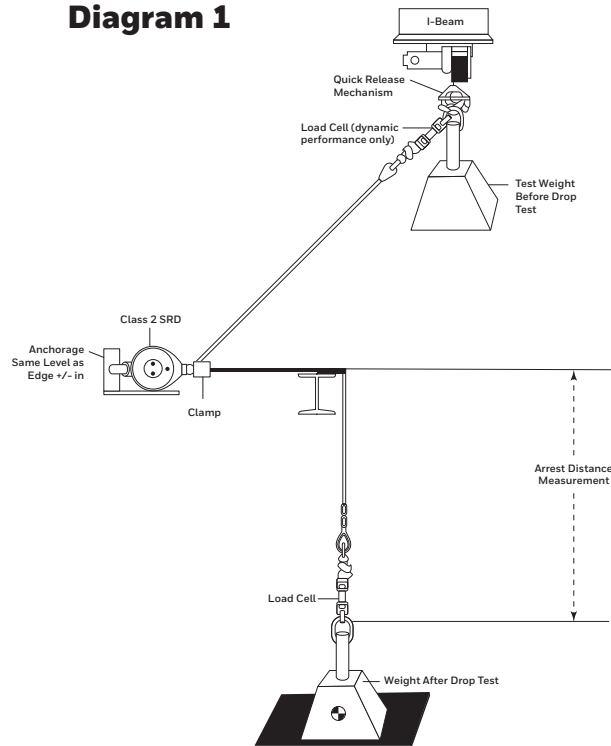
Additional notes: Refer to Diagram 1 on page 2 for reference of fall arrest distance measurement.
Refer to user manual for total required fall clearance (Section 4.0).

CERTIFICATION

Meets OSHA 1926.502 and 1910.140, certified ANSI Z359.14-2021 Class 2 and CSA Z259.2.2-2017 Class SRL-LE

MODEL	LENGTH	UNIT CONNECTOR	LIFELINE CONNECTOR	WEIGHT	INTEGRAL SHOCK ABSORBER PACK COVER	MAX. WORKING LOAD	
						ANSI / CSA	OSHA
FALCON+ EDGE GALVANIZED STEEL							
MFS-LEP1-02/20FT	20 ft	Steel Carabiner	Load indicator steel snap hook w/swivel	11 lb (4.9 kg)	Ballistic Nylon	310 lb (141 kg)	420 lb (190.5 kg)
MFS-LEP1-02/30FT	30 ft	Steel Carabiner	Load indicator steel snap hook w/swivel	14.3 lb (6.4 kg)	Ballistic Nylon	310 lb (141 kg)	420 lb (190.5 kg)
MFS-LEP1-02/50FT	50 ft	Steel Carabiner	Load indicator steel snap hook w/swivel	17.4 lb (7.8 kg)	Ballistic Nylon	310 lb (141 kg)	420 lb (190.5 kg)
MFS-LES1-02/20FT	20 ft	Steel Carabiner	Load indicator steel snap hook w/swivel	11 lb (4.9 kg)	Kevlar	310 lb (141 kg)	420 lb (190.5 kg)
MFS-LES1-02/30FT	30 ft	Steel Carabiner	Load indicator steel snap hook w/swivel	14.3 lb (6.4 kg)	Kevlar	310 lb (141 kg)	420 lb (190.5 kg)
MFS-LES1-02/50FT	50 ft	Steel Carabiner	Load indicator steel snap hook w/swivel	17.4 lb (7.8 kg)	Kevlar	310 lb (141 kg)	420 lb (190.5 kg)

Diagram 1



Limitless Possibilities. Ask the Expert.
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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.

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