

Miller MightyLite™ Leading Edge Self-Retracting Lifeline

Description

The new Miller MightyLite™ Leading Edge (LE) Self-Retracting Lifeline (SRL) is designed to protect a worker if a fall occurs that involves going over an edge. The MightyLite LE SRL features a shock absorber integrated into the lifeline, lowering fall arrest forces. This SRL can also be used with a traditional overhead anchorage.

Materials

Housing:	Aluminum Alloy, Stainless
Drum:	Aluminum Alloy, Stainless
Mainspring:	Stainless Steel
Break Pawls:	Stainless Steel
Main Shaft:	RL20 Aluminum Alloy, all other units Stainless Steel
Bushing:	RL20 Rulon, all other units Ball & Roller Bearing
Shock Absorber	
-Webbing:	Polyester
-Safety Strap:	1 ¾ in. (45mm) Polyester

Technical

Max. Working Capacity:	
- Leading Edge Application	310 lbs. (141kg)
- Applications mounted overhead	400 lbs. (181kg)
Working Length Capacity:	20-ft. (6.1 m), 30-ft. (10 m) 50-ft. (15 m), 65-ft. (20 m)
Max. Arrest Distance	54-in. (1.4m)
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)
Max. Peak Arresting Force:	900 lbs. (4kN) (When tested to OSHA 1926.502)



RL20G-Z7LE/20FT

RL65G-Z7LE/65FT

Technical Cont.

Ultimate Strength:	3,000 lbs. (13kN)
Minimum Tensile:	
-SofStop Safety Strap Webbing	5,000 lbs (22kN)
-Snap Hook	5,000 lbs (22kN)
-Cable	3,400 lbs (15 kN)
Snap Hook Gate Strength:	3,600 lbs. (16kN)

Certification

Meets OSHA 1926.502, 1910.66, ANSI A10.32, ANSI Z359.14-2012 Class B & Leading Edge. Meets CSA Z259.2.2 and CSA Z259.12 in applications mounted overhead.

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Model	Description	Length	Weight
MightyLite LE SRLs are corrosion-resistant stainless steel and aluminum construction with galvanized wire rope (3/16-in.) lifeline, integrated leading edge shock-absorbing pack, carabiner and tagline.			
MightyLite™ LE SRLs w/Shock-Absorbing Packs			
RL20G-Z7LE/20FT	Leading edge SRL with integral shock-absorbing pack	20 ft	11 lbs (5 kg)
RLS30G-Z7LE/30FT		30 ft	13 lbs (6 kg)
RL50G-Z7LE/50FT		50 ft	24 lbs (11 kg)
RL65G-Z7LE/65FT		65 ft	31 lbs (14 kg)
MightyLite™ LE SRLs w/Kevlar® Shock-Absorbing Packs (Designed for Welding Applications)			
RL20G-Z7LEK/20FT	Leading edge SRL with integral Kevlar® shock-absorbing pack	20 ft	11 lbs (5 kg)
RLS30G-Z7LEK/30FT		30 ft	13 lbs (6 kg)
RL50G-Z7LEK/50FT		50 ft	24 lbs (11 kg)
RL65G-Z7LEK/65FT		65 ft	31 lbs (14 kg)



by Honeywell

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