

MILLER MIGHTYLITE™ SELF-RETRACTING LIFELINE

TECHNICAL DATA

SP458 Rev. B

Nov 2020

Miller MightyLite Self-Retracting Lifelines (SRLs) are up to 30% lighter than competitive models in their class. Durable and dependable, they are constructed of corrosion-resistant stainless steel and aluminum housing.

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

TECHNICAL

Weight Capacity Range: 130-310 lb (59-141 kg)

Working Length Capacity: 20 ft (6.1 m)
30 ft (10 m)
40 ft (12 m)
50 ft (15 m)
65 ft (20 m)
80 ft (24 m)
100 ft (30 m)
130 ft (40 m)
175 ft (53 m)

Max. Arrest Distance: 54 in (1.4 m) (when tested to ANSI Z359.14-2014)
47 in (1.2 m) (when tested to CSA Z259.2.2-17)

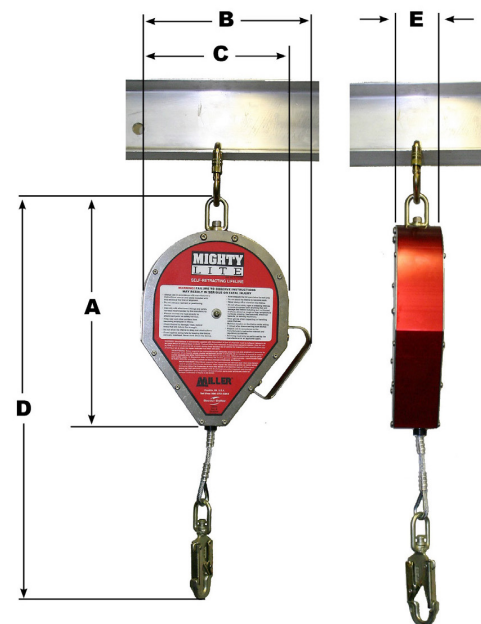
Avg. Arresting Force: 900 lb (4 kN) (When tested to ANSI Z359.14-2014)

Max. Peak Arresting Force: 1,800 lb (8 kN)
(When tested to ANSI Z359.14-2014 and CSA Z259.2.2-17)

Max. Peak Arresting Force: 900 lb (4 kN) (When tested to OSHA 1926.502)

CERTIFICATIONS

Meets OSHA 1926.502, 1910.140, ANSI A10.32-2012 and Z359.14-2014 (Class B,) and CSA Z259.2.2-17 (Class SRL) requirements.



RL50G-Z7/50FT shown
Dimensions specified on page 2



RL20P-Z7/20FT

MODEL	MATERIAL	LENGHT	*WEIGHT	A	B	C	D	E
RL20P-Z7/20FT	1" (25 mm) Spectra® Webbing	20 ft (6 m)	8 lb (3.6 kg)	10.5" (26.7 cm)	N/A	6.4" (16.3 cm)	23.5" (0.6 m)	2.5" (63.5 mm)
RL20G-Z7/20FT	3/16" (4.8 mm) Galvanized Cable	20 ft (6 m)	10 lb (4.5 kg)	10.5" (26.7 cm)	N/A	6.4" (16.3 cm)	23.5" (0.6 m)	2.5" (63.5 mm)
RL20SS-Z7/20FT	3/16" (4.8 mm) Stainless Steel Cable	20 ft (6 m)	10 lb (4.5 kg)	10.5" (26.7 cm)	N/A	6.4" (16.3 cm)	23.5" (0.6 m)	2.5" (63.5 mm)
RL20K-Z7/20FT	3/16" (4.8 mm) Kevlar Rope	20 ft (6 m)	10 lb (4.5 kg)	10.5" (26.7 cm)	N/A	6.4" (16.3 cm)	23.5" (0.6 m)	2.5" (63.5 mm)
RLS30G-Z7/30FT	3/16" (4.8 mm) Galvanized Cable	30 ft (9 m)	12 lb (5.4 kg)	10.5" (26.7 cm)	N/A	6.4" (16.3 cm)	23.5" (0.6 m)	2.5" (63.5 mm)
RLS30S-Z7/30FT	3/16" (4.8 mm) Stainless Steel Cable	30 ft (9 m)	12 lb (5.4 kg)	10.5" (26.7 cm)	N/A	6.4" (16.3 cm)	23.5" (0.6 m)	2.5" (63.5 mm)
RL30G-Z7/30FT	3/16" (4.8 mm) Galvanized Cable	30 ft (9 m)	14 lb (6.4 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	3.0" (76.2 mm)
RL30SS-Z7/30FT	3/16" (4.8 mm) Stainless Steel Cable	30 ft (9 m)	14 lb (6.4 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	3.0" (76.2 mm)
RL40K-Z7/40FT	3/16" (4.8 mm) Kevlar Rope	40 ft (12 m)	24 lb (10.4 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	3.0" (76.2 mm)
RL50P-Z7/50FT	1" (25 mm) Polyester Webbing	50 ft (15 m)	20 lb (9.1 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	3.0" (76.2 mm)
RL50G-Z7/50FT	3/16" (4.8 mm) Galvanized Cable	50 ft (15 m)	20 lb (9.1 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	3.0" (76.2 mm)
RL50SS-Z7/50FT	3/16" (4.8 mm) Stainless Steel Cable	50 ft (15 m)	20 lb (9.1 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	3.0" (76.2 mm)
RL65G-Z7/65FT	3/16" (4.8 mm) Galvanized Cable	65 ft (20 m)	22 lb (9.9 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	3.0" (76.2 mm)
RL65SS-Z7/65FT	3/16" (4.8 mm) Stainless Steel Cable	65 ft (20 m)	46 lb (20.9 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	3.0" (76.2 mm)
RL80K-Z7/80FT	3/16" (4.8 mm) Kevlar Rope	80 ft (24 m)	46 lb (20.9 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	5.3" (135 mm)
RL100G-Z7/100FT	3/16" (4.8 mm) Galvanized Cable	100 ft (30 m)	46 lb (20.9 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	5.3" (135 mm)
RL100SS-Z7/100FT	3/16" (4.8 mm) Stainless Steel Cable	100 ft (30 m)	46 lb (20.9 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	5.3" (135 mm)
RL130G-Z7/130FT	3/16" (4.8 mm) Galvanized Cable	130 ft (40 m)	48 lb (21.8 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	5.3" (135 mm)
RL130SS-Z7/130FT	3/16" (4.8 mm) Stainless Steel Cable	130 ft (40 m)	48 lb (21.8 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.8" (0.7 m)	5.3" (135 mm)
RL175G-Z7/175FT	3/16" (4.8 mm) Galvanized Cable	175 ft (53 m)	71 lb (32.2 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.75" (.73 m)	7.5" (191 mm)
RL175SS-Z7/175FT	3/16" (4.8 mm) Stainless Steel Cable	175 ft (53 m)	71 lb (32.2 kg)	16" (41 cm)	12" (30 cm)	10" (25 cm)	28.75" (.73 m)	7.5" (191 mm)

*Weight does not include carabiner or tagline

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

Canada

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Fax: 888.667.8477

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