



Miller® MightyLite/MightEvac Retractable Lifelines



SP100 Rev. C

Materials

Housing:	Aluminum Alloy, Stainless
Drum:	Aluminum Alloy, Stainless
Mainspring:	Stainless Steel
Brake Pawls:	Stainless Steel
Main Shaft:	RL20 Alum. Alloy
	All other units Stainless Steel
Bushing:	RL20 Rulon, all other units
	Ball & Roller Bearing
Snaphook:	Drop Forged Steel

Technical

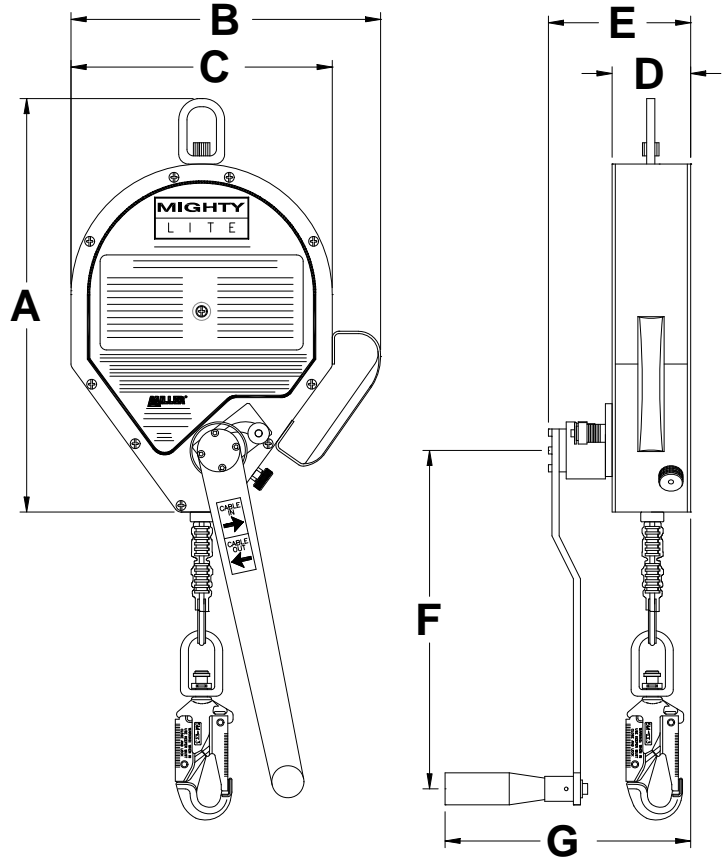
Max Working Load:	310 lbs (140.62 kg)
Ultimate Strength:	3600 lbs. (16.01kN)
Lifeline Tension:	3-4 lbs. (13.3/17.8 N)
Free Fall Distance:	24" Max. (609.6 mm)
Deceleration Distance:	42" Max (1.06m)
Arresting Force:	900 lbs. (approx.) (4kN)
Strength Test:	300 lbs. 4' free fall (1.33 kN @ 1.22m free fall)

Certification:

Meets OSHA 1926.502, 1910.66, ANSI A10.32

*ANSI Z359-2007, CSA Z259.2.2 requirements.

*ANSI Z359-2007 compliant for connectors which meet the 3600lb gate requirements. (listed at the end of the chart)



Model	Lifeline Material	Length	Weight	A	B	C	D	E	F	G
RL20P	1" Polyester Webbing	20 ft. (6m)	8 lbs.(3.6 kg)	10.50"/267mm	*	6.38"/162mm	2.25"/57mm	N/A	N/A	N/A
RL20G	3/16" Galvanized Cable	20 ft. (6m)	9 lbs.(4.1 kg)	10.50"/267mm	*	6.38"/162mm	2.25"/57mm	N/A	N/A	N/A
RL20SS	3/16" Stainless Steel Cable	20 ft. (6m)	9 lbs.(4.1 kg)	10.50"/267mm	*	6.38"/162mm	2.25"/57mm	N/A	N/A	N/A
RLS30G	3/16" Galvanized Cable	30 ft. (9m)		10.50"/267mm	*	6.38"/162mm		N/A	N/A	N/A
RLS30S	3/16" Stainless Steel Cable	30 ft. (9m)		10.50"/267mm	*	6.38"/162mm		N/A	N/A	N/A
RL30G	3/16" Galvanized Cable	30 ft. (9m)	23 lbs.(10.4 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL30SS	3/16" Stainless Steel Cable	30 ft. (9m)	24 lbs.(10.4 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL50P	1" Polyester Webbing	50 ft. (15m)	20 lbs. (9.1 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL50G	3/16" Galvanized Cable	50 ft. (15m)	25 lbs.(11.3 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL50SS	3/16" Stainless Steel Cable	50 ft. (15m)	25 lbs.(11.3 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL65G	3/16" Galvanized Cable	65 ft. (20m)	30 lbs.(13.6 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL65SS	3/16" Stainless Steel Cable	65 ft. (20m)	30 lbs.(13.6 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL100G	3/16" Galvanized Cable	100 ft. (30m)	45 lbs.(20.4 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	N/A	N/A	N/A
RL100SS	3/16" Stainless Steel Cable	100 ft. (30m)	45 lbs.(20.4 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	N/A	N/A	N/A
RL130G	3/16" Galvanized Cable	130 ft. (40m)	50 lbs.(22.7 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	N/A	N/A	N/A
RL130SS	3/16" Stainless Steel Cable	130 ft. (40m)	50 lbs.(22.7 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	N/A	N/A	N/A
Sealed Self-Retracting Lifelines										
RL175BG	3/16" Galvanized Cable	175 ft.(53.34m)	70 lbs.(31.7 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	7.18"/182mm	N/A	N/A	N/A
RL175G	3/16" Galvanized Cable	176 ft.(53.34m)	70 lbs.(31.7 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	7.18"/182mm	N/A	N/A	N/A
RL175BSS	3/16" Stainless Steel Cable	177 ft.(53.34m)	70 lbs.(31.7 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	7.18"/182mm	N/A	N/A	N/A
RL175SS	3/16" Stainless Steel Cable	178 ft.(53.34m)	70 lbs.(31.7 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	7.18"/182mm	N/A	N/A	N/A

[Miller RL20BP20FT MightyLite Self Retracting Lifeline P 2789](#)
[Miller RL20P Z720FT MightyLite Self Retracting Lifeline P 2790](#)
[Miller RL20P20FT MightyLite Self Retracting Lifeline P 2791](#)
[Miller RL20BG20FT MightyLite Self Retracting Lifeline P 2792](#)
[Miller RL20G Z720FT MightyLite Self Retracting Lifeline P 2793](#)
[Miller RL20G20FT MightyLite Self Retracting Lifeline P 2794](#)
[Miller RL20BSS20FT MightyLite Self Retracting Lifeline P 2795](#)
[Miller RL20SS20FT MightyLite Self Retracting Lifeline P 2796](#)
[Miller RLS30BG30FT MightyLite Self Retracting Lifeline P 2797](#)
[Miller RLS30G Z730FT MightyLite Self Retracting Lifeline P 2798](#)
[Miller RLS30G30FT MightyLite Self Retracting Lifeline P 2799](#)
[Miller RLS30BS30FT MightyLite Self Retracting Lifeline P 2800](#)
[Miller RLS30S30FT MightyLite Self Retracting Lifeline P 2801](#)
[Miller RL50BP50FT MightyLite Self Retracting Lifeline P 2802](#)
[Miller RL50P Z750FT MightyLite Self Retracting Lifeline P 2803](#)
[Miller RL50P50FT MightyLite Self Retracting Lifeline P 2804](#)
[Miller RL50BG50FT MightyLite Self Retracting Lifeline P 2805](#)
[Miller RL50G Z750FT MightyLite Self Retracting Lifeline P 2806](#)
[Miller RL50G50FT MightyLite Self Retracting Lifeline P 2807](#)
[Miller RL50BSS50FT MightyLite Self Retracting Lifeline P 2808](#)
[Miller RL50SS50FT MightyLite Self Retracting Lifeline P 2809](#)
[Miller RL65BG65FT MightyLite Self Retracting Lifeline P 2810](#)
[Miller RL65G Z765FT MightyLite Self Retracting Lifeline P 2811](#)
[Miller RL65G65FT MightyLite Self Retracting Lifeline P 2812](#)
[Miller RL65BSS65FT MightyLite Self Retracting Lifeline P 2813](#)
[Miller RL65SS65FT MightyLite Self Retracting Lifeline P 2814](#)
[Miller RL100BG100FT MightyLite Self Retracting Lifeline P 2815](#)
[Miller RL100G Z7100FT MightyLite Self Retracting Lifeline P 2816](#)
[Miller RL100G100FT MightyLite Self Retracting Lifeline P 2817](#)
[Miller RL100BSS100FT MightyLite Self Retracting Lifeline P 2818](#)
[Miller RL100SS100FT MightyLite Self Retracting Lifeline P 2819](#)
[Miller RL130BG130FT MightyLite Self Retracting Lifeline P 2820](#)
[Miller RL130G Z7130FT MightyLite Self Retracting Lifeline P 2821](#)
[Miller RL130G130FT MightyLite Self Retracting Lifeline P 2822](#)
[Miller RL130BSS130FT MightyLite Self Retracting Lifeline P 2823](#)
[Miller RL130SS130FT MightyLite Self Retracting Lifeline P 2824](#)
[Miller RL175BSS175FT MightyLite Self Retracting Lifeline P 2825](#)
[Miller RL175G Z7175FT MightyLite Self Retracting Lifeline P 2826](#)
[Miller RL175G175FT MightyLite Self Retracting Lifeline P 2828](#)
[Miller RL175SS175FT MightyLite Self Retracting Lifeline P 2829](#)
[Miller 9082 MightyLite SRL Swivel Bracket P 2830](#)
[Miller 9083 MightyLite SRL Swivel Bracket P 2831](#)
[Miller Honeywell SRL20K 20ft MightyLite Self Retracting Lifeline](#)



Miller® MightyLite/MightEvac Retractable Lifelines



MR Series Retrieval Lifelines										
MR40KB	3/16" Kevlar Rope	40 ft. (12m)	29 lbs. (13.2 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	5.50"/140mm	13.00"/330mm	9.00"/229mm
MR50G	3/16" Galvanized Cable	50 ft. (15m)	31 lbs.(14.1 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	5.50"/140mm	13.00"/330mm	9.00"/229mm
MR50S	3/16" Stainless Steel Cable	50 ft. (15m)	31 lbs.(14.1 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	5.50"/140mm	13.00"/330mm	9.00"/229mm
MR80KB	3/16" Kevlar Rope	80 ft. (24m)	46 lbs. (20.9 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	7.50"/191mm	13.00"/330mm	11.00"/279mm
MR100G	3/16" Galvanized Cable	100 ft. (30m)	51 lbs.(23.1 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	7.50"/191mm	13.00"/330mm	11.00"/279mm
MR100S	3/16" Stainless Steel Cable	100 ft. (30m)	51 lbs.(23.1 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	7.50"/191mm	13.00"/330mm	11.00"/279mm
MR130G	3/16" Galvanized Cable	130 ft. (40m)	56 lbs.(25.4 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	7.50"/191mm	13.00"/330mm	11.00"/279mm
MR130S	3/16" Stainless Steel Cable	130 ft. (40m)	56 lbs.(25.4 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	7.50"/191mm	13.00"/330mm	11.00"/279mm
ANSI Z359-2007 Compliant Models										
RL20G	3/16" Galvanized Cable	20 ft. (6m)	9 lbs.(4.1 kg)	10.50"/267mm	*	6.38"/162mm	2.25"/57mm	N/A	N/A	N/A
RL20P	1" Polyester Webbing	20 ft. (6m)	8 lbs.(3.6 kg)	10.50"/267mm	*	6.38"/162mm	2.25"/57mm	N/A	N/A	N/A
RLS30G	3/16" Galvanized Cable	30 ft. (9m)		10.50"/267mm	*	6.38"/162mm		N/A	N/A	N/A
RL50G	3/16" Galvanized Cable	50 ft. (15m)	25 lbs.(11.3 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL50P	1" Polyester Webbing	50 ft. (15m)	20 lbs. (9.1 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL65G	3/16" Galvanized Cable	65 ft. (20m)	30 lbs.(13.6 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	3.00"/76mm	N/A	N/A	N/A
RL100G	3/16" Galvanized Cable	100 ft. (30m)	45 lbs.(20.4 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	N/A	N/A	N/A
RL130G	3/16" Galvanized Cable	130 ft. (40m)	50 lbs.(22.7 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	5.00"/127mm	N/A	N/A	N/A
RL175G	3/16" Galvanized Cable	176 ft.(53.34m)	70 lbs.(31.7 kg)	15.75"/400mm	11.75"/298mm	10.00"/254mm	7.18"/182mm	N/A	N/A	N/A

*Handle not available on RL20 series

All units are equipped with a Fall Indicator, in the event of a fall, a flag deploys to indicate the unit has been subjected to fall arresting forces and should be removed from service. Options shown may vary from actual product and is subject to change without notice.



RL20P-Z7