



NEW

MightyLite™ Leading Edge Self-Retracting Lifeline

Designed to protect a worker if a fall occurs that involves going over an edge

Frequently Asked Questions

Q1: What is a Leading Edge Self-Retracting Lifeline (SRL)?

A1: A Leading Edge SRL is a self-retracting device designed for applications in which the product is not necessarily anchored overhead and the lifeline may come in contact with an edge in the event of a fall. The Leading Edge SRL requires an integral means of reducing the impact loading where the lifeline comes in contact with the edge to ensure the lifeline remains intact and the force on the worker is reduced.

Q2: Why was the new Miller MightyLite Leading Edge (LE) SRL developed?

A2: The MightyLite LE SRL was developed to protect workers who are faced with applications such as those described in Question 1. An overhead anchorage may not be available and there is the potential for the lifeline to come into contact with an edge during a fall. The product features an energy-absorber integrated into the lifeline near the snap hook to ensure the force generated in a fall is effectively reduced to protect the worker and the integrity of the lifeline.

Q3: What MightyLite LE SRL models are available and what are the stock designations?

A3: There are eight MightyLite LE SRL models available in 20-ft (6m), 30-ft (9m), 50-ft (15m) and 65-ft (20m) lengths. All models have a galvanized lifeline. Four models have a standard pack cover which is suitable for most applications and four have a pack with a Kevlar cover well-suited for welding applications. All models are non-stock, with a 10-day lead-time.

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)

Q4: Is the MightyLite LE SRL suitable for applications in which the device will be mounted overhead as well as at the working surface?

A4: Yes, the MightyLite LE SRL can be mounted overhead as well as at the worker's feet.

Q5: Why is a MightyLite LE SRL the preferred equipment of choice?

A5: Using a MightyLite LE increases safety in leading edge applications and eliminates the need for adding an energy-absorbing pack prior to working in a leading edge application.

Q6: How do users know if their MightyLite SRL is approved for leading edge applications?

A6: The MightyLite LE has an energy-absorber integrated into the lifeline which increases safety in leading edge applications and eliminates the need for adding an energy-absorbing pack prior to working in a leading edge application. The pack has clear markings stating that it is for leading edge applications. See Figure 1. The back label of the SRL includes “Leading Edge Self-Retracting Lifeline” printed on the label. See Figure 2. Additionally, the variable label inset into the front label references that the product is a Leading Edge SRL.



Figure 1:

Energy-absorber information indicating the MightyLite LE is for leading edge applications.

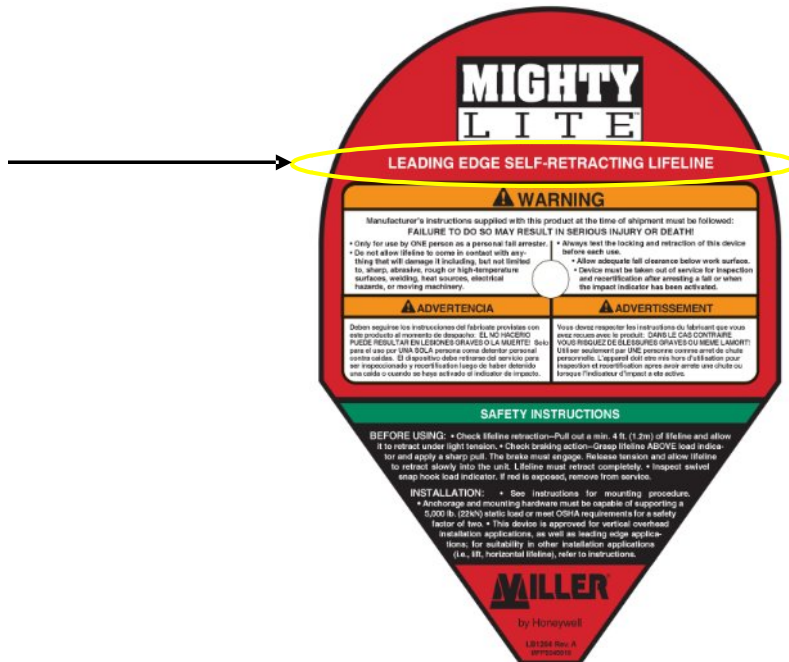


Figure 2:

Back label indicating the MightyLite LE is for leading edge applications.

Q7: What is the weight capacity rating for the MightyLite LE SRL?

A7: In overhead mounted applications, the maximum weight capacity is 400 lbs. (181.4kg.) including clothing and tools. For leading edge applications, the maximum weight capacity is 310 lbs. (140.6 kg) which again the weight of clothing and tools must be included.

Q8: Is the MightyLite LE SRL repairable?

A8: Yes, the product is repairable.

Q9: What standards does the MightyLite LE SRL meet?

A9: The product meets all applicable OSHA, ANSI, and CSA requirements. These include OSHA 1926.502, OSHA 1910.66, ANSI A10.32 and ANSI Z359.14 Class B/Leading Edge. CSA does not have a standard that covers Leading Edge Self-Retracting Lifelines at this time, but the product is certified to CSA Z259.2.2 and CSA Z259.12-11 as a self-retracting lifeline used in overhead applications.

Q10: Are MightyLite LE SRLs equipped with 3,600 lb gate-strength hardware?

A10: Yes, all MightyLite Leading Edge SRLs are equipped with hardware that is compliant with *ANSI Z359.12 and CSA Z259.12-11 Connecting Components for Personal Fall Arrest Systems* which requires all hardware have a 3,600 lb gate-strength.

Q11: Is the MightyLite LE SRL available with a stainless lifeline?

A11: The MightyLite LE SRL is only available with a galvanized lifeline. The leading edge testing requirements for ANSI Z359.14 are very difficult to pass. Galvanized cable performs better when tested to the standard since it is stronger than the equivalent 3/16-in (5mm) stainless steel wire rope.

Q12: Does the MightyLite LE SRL require annual factory recertification through an authorized center?

A12: Honeywell does not require the MightyLite LE be sent in for annual factory recertification except in Canada where CSA Z259.2.2 requires that the unit be recertified no more than two (2) years from the date of manufacture and annually thereafter. The user must follow inspection and test procedures outlined in the instruction manual. If the product does not pass the product manual inspection criteria or if a worker falls into the unit, it must be sent in for repair and recertification.

For those end-users who adhere to the voluntary general industry standard ***ANSI Z359.14-2012 Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems***, ANSI has established the inspection requirements in Figure 3.

Type of use	Application Examples	Conditions of Use	Inspection Frequency Competent Person	Factory Authorized Inspection
Infrequent to Light	Rescue and confined space, factory maintenance	Good storage conditions, indoor or infrequent outdoor use, room temperature, clean environments	Annually	At least every 2-5 years, but not longer than intervals required by the manufacturer
Moderate to Heavy	Transportation, residential construction, utilities, warehouse	Fair storage conditions, indoor and extended outdoor use, all temperatures, clean or dusty environments	Semi-annually to annually	At least every 1-2 years, but not longer than intervals required by the manufacturer
Severe to Continuous	Commercial construction, oil and gas, mining	Harsh storage conditions, prolonged or continuous outdoor use, all temperatures, dirty environment	Quarterly to semi-annually	At least annually, but not longer than intervals required by the manufacturer

Figure 3:

ANSI Z359.14 Inspection Requirements from Appendix A of the Standard.

Q13: Where can I find additional information on ANSI Z359?

A13: Honeywell Safety Products has developed a white paper entitled "Understanding the ANSI Z359 Fall Protection Code" as well as a brochure and FAQ. These documents highlight the changes in the new Fall Protection Code. It is available on the Miller website (www.millerfallprotection.com), or by contacting Honeywell Technical Service at 800-873-5242 (press 4).

For complete information, the ANSI Z359 Fall Protection Code is available directly from the American Society of Safety Engineers (ASSE) – www.asse.org.

Q14: What is the warranty on the MightyLite LE SRL?

A14: As with all Miller brand products, the Miller MightyLite LE SRL has a Limited Lifetime warranty against manufacturer defects and workmanship.

Q15: Who should I contact for additional questions/information?

A15: Contact Honeywell Technical Service at 800-873-5242 (press 4).



Ask the Expert ... Ask Miller.

800/873-5242

Fax 800/892-4078

www.millerfallprotection.com