

Vertical Self-Retracting Lifeline for Workplace Fall Protection

This self-retracting lifeline is designed for vertical workplace applications. It automatically extends and retracts, minimizing potential fall distance and ensuring safety.



ADDITIONAL IMAGES



Product Overview

Professional Fall Protection

This vertical self-retracting lifeline is engineered for reliability and safety in demanding industrial environments such as construction and manufacturing. It automatically extends and retracts as the user moves, effectively minimizing fall distance while maintaining freedom of movement. Designed for vertical use, it features a robust housing and high-strength lifeline to ensure durability and consistent performance.

Technical Specifications

No.	Product model	SRL-1	SRL-2	SRL-2N	SRL-3W	SRL-4S	SRL-10S	SRL-15S	SRL-20S	SRL-30	SRL-40	
Main technical specifications												
1	Product max. extension length (m)	1.5±0.2	2.7±0.2	3.7±0.2	6.0±0.2	9.7±0.2	10.0±0.2	15.0±0.2	20.0±0.2	30.0±0.2	40.0±0.2	
2	Product min. extension length (m)	1.43±0.1	2.0±0.1	3.0±0.1	5.6±0.1	5.5±0.1	9.6±0.2	15.015±0.1	20.015±0.1	30.015±0.1	40.015±0.1	
3	Welding wire rope max. extension length (m)											
4	Weight	1.5kgs	1.8kgs	1.9kgs	2.25kgs	4.15kgs	5.7kgs	11.16kgs	11.63kgs	17kgs	20.79kgs	
5	Static strength (kN)	≥15					≥12					
6	Dynamic impact force (kJ)						≤6					
7	Arrest distance (m)						≤2					
8	Service rated load (including tools) (kg)	100										
Product main materials												
9	Housing shell material	High-Strength ABS				Reinforced nylon			Aluminium			
10	Energy dissipating method	Internal shock absorber system										
11	Service ambient temperature	-30 C to 50 C										
12	Retractable Lifeline (Material)	Webbing (Dyneema)					Wire rope (Galvanized)					
13	Connecting Hook	Indicator Swivel Snaphook										

Technical data sheet showing performance metrics for various lifeline models.

Maximum Extension Length	40 m
Service Rated Load	100 kg
Static Strength	12 kN
Arrest Distance	< 2m
Dynamic Impact Force	< 6kN

Material & Design

Housing Material	High-Strength ABS, Reinforced Nylon, Aluminium
Lifeline Material	Galvanized Wire Rope
Connecting Hook	Indicator Swivel Snaphook

Operational Environment

Usage Type	Vertical Use Only
Service Ambient Temperature	-30°C to 50°C

Compliance

Safety Standards

- EN 360:2002
- EN 362:2018
- CE Certified