FALL PROTECTION & RESCUE · PREMIUM & SPECIALISED (HSE-MANDATED)

Self-Retracting Lifelines (SRL)

Self-retracting lifelines are fall-arrest devices that pay out and retract a webbing or cable line automatically, locking within centimetres when a worker falls, and are certified to EN 360 or ANSI Z359.14.

TECHNICAL SPECIFICATIONS	
Standards	EN 360:2002; ANSI/ASSP Z359.14-2021 (Class 1 / Class 2); CSA Z259.2.2 on selected models
Line material	Polyester webbing 25 mm, galvanised or stainless steel wire rope 4.8–5 mm
Working lengths	2 m, 3.5 m, 6 m, 10 m, 15 m, 20 m, 30 m
Maximum arrest force	6 kN (EN 360); 1,800 lbf / 8 kN peak (ANSI Z359.14)
Lock-off distance	Typically under 0.6 m total arrest distance per EN 360 testing
User capacity	100 kg (EN) or 140 kg where marked; ANSI 130–310 lb total weight
Housing	Impact-resistant nylon or aluminium alloy with stainless internals; sealed units for offshore
Connectors	Steel swivel top eye; aluminium or steel double-action snap hook with fall indicator
Packaging	Individually boxed with manual and inspection log; carton of 4–6

Key features

- Certified to EN 360:2002 or ANSI/ASSP Z359.14-2021 Class 1 or Class 2 as marked
- Line options: 25 mm polyester webbing, 4.8 mm or 5 mm galvanised steel cable, or stainless cable
- Lengths from 2 m personal units to 30 m blocks for towers and tank work
- Energy-absorbing element limits arrest force to 6 kN per EN 360 and 1,800 lbf per ANSI
- Leading-edge rated versions tested over a steel edge for horizontal use at foot level
- Swivel anchor eye, carabiner and load-indicating snap hook reduce line twist and show fall history

Variants available

- Personal webbing SRL 2–3.5 m
- Leading-edge SRL-LE with cable line
- Twin-leg personal SRL for 100% tie-off
- Cable block 10–30 m with rescue hoist
- Sealed stainless SRL for offshore and marine
- Replacement line and recertification service

TYPICAL APPLICATIONS	
Construction	structural steel erection and precast installation where overhead anchors are available
Oil & gas	tank roof inspection, flare stack work and tower climbing at refineries and gas plants
Solar	tracker and inverter maintenance on elevated structures at utility-scale plants
Industrial	overhead crane rail maintenance and silo access in manufacturing plants
Logistics	trailer and container top access with twin-leg personal SRLs on rail systems
Telecom & utilities	monopole and lattice tower climbing with cable blocks

COMPLIANCE, BRANDS AND SELECTION

Compliance (UAE / GCC)

In the UAE, Dubai Municipality Code of Construction Safety Practice and Abu Dhabi OSHAD Code of Practice 23 require fall protection where a fall of 1.8 m or more is possible. SRLs must carry CE marking under the PPE Regulation (EU) 2016/425 or ANSI Z359.14 marking, and buyers typically request the EU type-examination certificate and a declaration of conformity. Saudi Aramco CSM and ADNOC HSE standards commonly require third-party certification and a unique serial number per device.

Brands we supply

3M DBI-SALA, Honeywell Miller, Petzl, MSA Latchways, Kratos Safety, Karam

How to choose

1. Match line type to the job: webbing for light personal units, cable for abrasive, hot or leading-edge work
2. Check fall clearance: SRLs need less than lanyards, but confirm the manufacturer's clearance chart for your anchor height
3. Choose leading-edge (LE) rated units whenever the anchor is at foot level or the line could contact an edge
4. Specify sealed stainless housings for offshore, desalination and coastal sites to resist salt corrosion

Request a quotation

Send quantity, sizes and delivery location. We reply with an itemised quotation and certificates within one working day.

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Product page: albarakaservices.com/products/safety-products/self-retracting-lifelines/

Typical specifications for this product class, compiled by Al Baraka Diyar for quotation and tender preparation. This is not a manufacturer datasheet. Exact values, markings, sizes and certificates depend on the brand and model supplied and are confirmed in our quotation and in the manufacturer's test certificates. Always verify suitability with your site HSE officer. Information is subject to change without notice.