

SALA “RETRAX” Energy Absorbing Lanyard for fall arrest

Description

Retracting Lanyard with integral energy absorber CE marked and conforming to the standard EN355.

The SALA “RETRAX” range of lanyards, use a unique system that reduces this lanyards overall length whilst not under tension by 1.25 metres, down to as little as 500mm. Thus keeping the lanyard taut and close to the body at all times, reducing potential trip, or snarling hazards and keeping the lanyard from dragging on the dirty floor.

Its smooth retraction with no irritating lock-ups enhances ease of use and productivity whilst offering maximum freedom of movement during use.

The Retrax device may be slid along the lanyard webbing to adjust the retraction from 0.5m and 1.75m allowing greater flexibility at each job site.

Lanyard base has a length of 1.75m, with is overall length varying depending on the choice of connectors. The energy absorber is equipped with a triangular screw link* for attachment to a harnesses fall arrest point. The lanyard may be equipped with a choice of connectors from the Sala range, see the reverse of this sheet for connector compatibility.



Main features

- ‘RETRAX’ elastic system reduces length whilst not under tension. By up to 1.25 metre.
- Smooth retraction with no irritating lock-ups
- Reducing potential trip/snarling hazards, keeps the lanyard from dragging on the dirty floor.
- CE marked – EN355
- Comes with semi permanent triangular screw link*
- Individual serially numbered, for quality control purposes
- Large choice of compatible connectors available.

Applications

Designed for fall arrest situations

- Mast tower work
- Pitched roof
- Flat roof
- Scaffolding/steel work
- Structural steel

Associated Products

This lanyard must be used the following products

- A Sala full body fall arrest harnesses conforming to EN361
- It may be use with either the front or rear fall arrest point
- A Sala Karabiner or connector conforming to EN362

* “Screw links” or semi permanent links are not designed to be opened during the course of work. They should always be closed with the addition of a thread locking compound, using a suitable spanner.

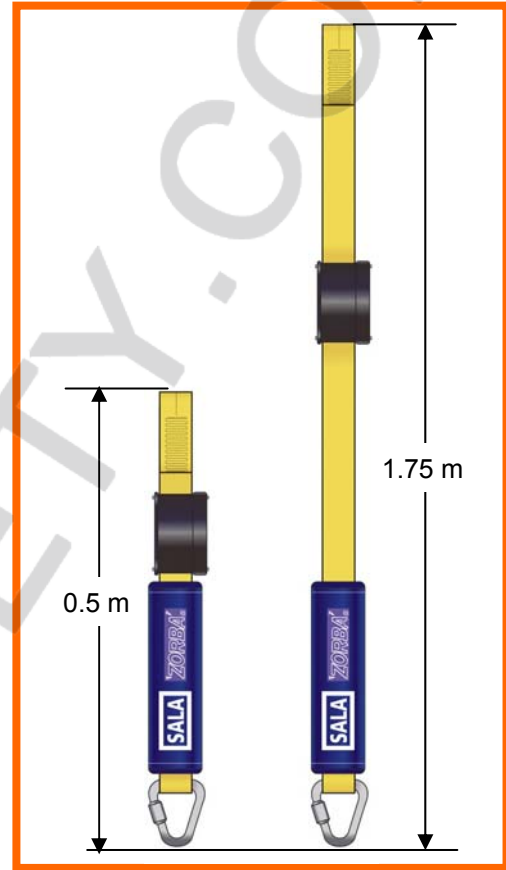
KE5RX175

(RETRAX)

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Technical specification

- Yellow lanyard webbing - 35mm width, 100% Polyester, Breaking strength >3000 daN
- Retractor case - Polycarbonate thermoplastic
- White absorber webbing – 45mm width, Polyester and polyamide construction, Initial tear out threshold >2kN, Dynamic energy tear out threshold <6kN.
- Thread - High strength, 100% Polyester
- Triangular screw link * - Breaking strength > 2750 daN, 8mm diameter, Steel with white zinc plating finish.
- Individual serially numbered
- Conforms to standard – EN355
- System breaking Strength >15KN
- **KE5RX175** - 0.5 m Length (fully retracted)
1.75 m Length (fully extended)
595g weight



Options

The following detachable karabiners can be used with the standard lanyard KE5RX175

REFERENCE	KJ5105S	KJ5107	KJ5024	KJ5106	KJ5108	KJ50645
TYPE	Screw Gate	Screw Gate	Twist Lock	Twist Lock	Twist Lock	Double Action
OPENING	17mm	20mm	21mm	33mm	50mm	60mm
MATERIAL	Steel	Steel	Aluminium	Steel	Steel	Aluminium
RESISTANCE	22kN	50kN	25kN	45kN	30kN	25kN

The following factory manufactured permanent connector options are available (AT LANYARD END)

LANYARD SPECIFICATION			CONNECTOR SPECIFICATION					
REFERENCE	LENGTH (Under tension)	WEIGHT	REF.	TYPE	OPENING	MATERIAL	RESISTANCE	
KE5RX175X/1	1.85 m	850g	KJ523	Snap Hook	20mm	Steel	23kN	
KE5RX175X/2	1.95 m	1040g	KJ527	Scaffold Hook	60mm	Aluminium	25kN	