

**KE5175X**

(N-L175/EXP)

**KE5125X**

(N-L125/EXP)

## SALA “Expander” Energy Absorbing Lanyard for fall arrest

### Description

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

Lanyard base available in 2 lengths 1.75m and 1.25m which are 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.

From the SALA “EXPANDER” range of lanyards, the expander system reduces this lanyards overall length whilst not under tension by 0.5 metres for the 1.75m and 0.4 for the 1.25m. Thus reducing potential trip, or snarling hazards and offering maximum freedom of movement during use.

### Main features

- ‘EXPANDER’ elastic system reduces length whilst not under tension. By up to 0.5metre.
- “ZORBA” energy absorber, in case of a fall, reduces forces to around 4.5kN, with elongation of around 1.5meters
- CE marked – EN355
- Comes with semi permanent triangular screw link\*
- Available in 2 base lengths, 1.25m and 1.75m
- 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.



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France Tel +33 (0)4 97 10 00 10 Email [information@capitalsafety.com](mailto:information@capitalsafety.com)

UK Tel +44 (0)1928 571 324 Email [info@csgne.co.uk](mailto:info@csgne.co.uk)



ENERGY ABSORBING LANYARD

**KE5175X**

(N-L175/EXP)

**KE5125X**

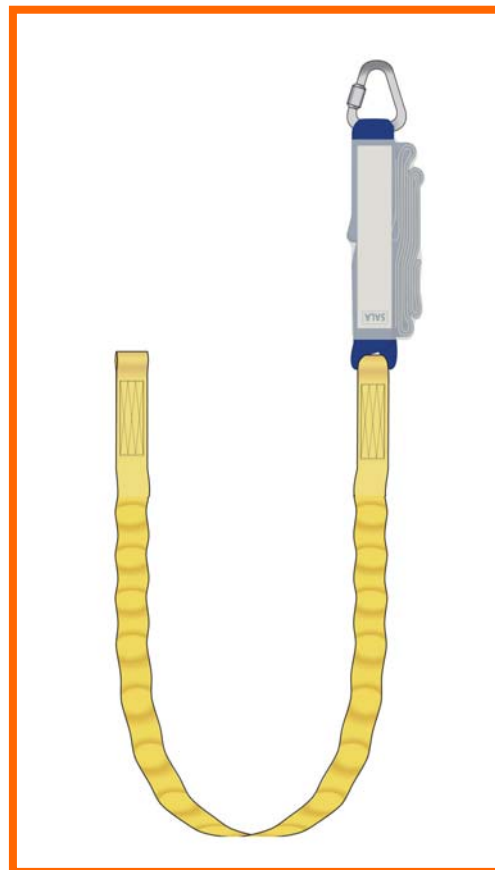
(N-L125/EXP)



## SALA “Expander” Energy Absorbing Lanyard for fall arrest

### Technical specification

- Yellow lanyard webbing - 35mm width, 100% Polyester, Breaking strength >3000 daN
- Blue absorber webbing – 43mm width, 100% Polyester, Breaking strength >2400 daN
- 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
- **KE5125X** - 1.25m Length (under tension)  
415g weight
- **KE5175X** - 1.75m Length (under tension)  
445g weight



### Options

The following detachable karabiners can be used with the standard lanyards KE5125X and KE5175X

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	REFERENCE	TYPE	OPENING	MATERIAL	RESISTANCE	
<b>KE5125X/1</b>	1.35m	465g	KJ523	Snap Hook	20mm	Steel	23kN	
<b>KE5175X/1</b>	1.85m	705g						
<b>KE5125X/2</b>	1.45m	875g	KJ527	Scaffold Hook	60mm	Aluminium	25kN	
<b>KE5175X/2</b>	1.95m	905g						



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