



TECHNICAL DATASHEET

EL 05

ENERGY ABSORBING SINGLE ELASTICATED WEBBING LANYARD WITH ALUMINIUM SCAFFOLDING HOOK

STANDARD: CONFORMING TO EN 355:2002

Product Introduction:

- Single Leg Shock Absorbing Elasticated Webbing Lanyard provides continuous fall protection during movement between anchor points. Its elasticated webbing reduces slack and tripping hazards, while the integrated shock absorber minimizes impact force in the event of a fall, ensuring maximum safety and comfort.

Features:

- Single leg design allows continuous protection while moving between anchor points.
- Elasticated webbing reduces slack, minimizing tripping and snagging hazards.
- Includes one aluminium scaffolding hook at the one end and one aluminium carabiner at other end with the energy absorber for effective energy absorption after a fall.
- Provides flexible movement in all direction while ensuring safe anchorage.



Product Specifications:

Model	: EL 05
Rope Material	: 35 mm (+/- 1mm) wide Elasticated Polyester Webbing
Hook Material	: Aluminium
Gate Opening	: 60 mm
Breaking Strength	: 23 kN (Minimum)
Stitching Thread Material	: High tenacity virgin multifilament polyester
Available Lanyard Length	: 1/1.5/1.8 meter
Shock Absorber Length	: 0.2 meter
Weight	: 1.00 kg (Approx.)

Benefits:

- Elasticated webbing eliminates slack, minimizing tripping hazards.
- Continuous protection while working at height.
- Reduces impact on user in the event of fall.



Applications:

- **Fall Arrest:** Stops a person's fall by reducing the impact force through the integrated shock absorber, ensuring safety when working at heights where a fall risk exists.
- **Fall Restraint:** Restricts the worker's movement, preventing them from reaching areas where a fall could occur, while allowing mobility within a safe working zone.

Industries:

The lanyard is essential for creating a temporary anchorage point for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries as follow.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- Inspect the lanyard, connectors, and shock absorber before each use for cuts, wear, or damage.
- Do not tie knots or modify the lanyard in any way.
- Replace the lanyard immediately after a fall or if the shock absorber is deployed.
- Follow manufacturer's instructions and applicable safety standards during use and inspection.

Storage:

- Store the lanyard in a clean, dry, and well-ventilated area away from direct sunlight, heat, and moisture, ensuring it is completely dry and placed in its original packaging or hang properly to prevent deformation or abrasion.