

The Tracpac Kevlar® shock-absorbing lanyard is designed for use by industrial and commercial welders who work at heights and offers an exceptionally long life under working conditions that would normally destroy a polyester or nylon equivalent in just weeks. The Kevlar® and Technora fibers have exceptional high heat resistant properties that repel welding spatter and offer die electric advantages when confronted with arc flash hazard. With extremely high-abrasion resistance and the ability to withstand flame and heat, the Tracpac Kevlar® shock-absorbing lanyard will far outlast polyester or nylon and result in an economic benefit.

The Tracpac Kevlar® shock-absorbing lanyard is composed of a shock absorber to which a 1¾ in. (45 mm) Kevlar lanyard is attached. The shock absorber is covered with a tubular Nomex sleeve.

When a fall occurs, the sudden stop caused by the fall arrest system submits the human body to a high impact force (the longer the free fall distance, the greater the force).

The purpose of the shock absorber is to lower the impact force experienced in a fall by dissipating the kinetic energy and controlling deceleration. The shock-absorbing device is made of a specially woven webbing that elongates through tearing on its weave and stitching. This action limits the impact force to less than 900 lbs. (4 kN).

For further information, refer to the "Use and Maintenance Instructions" for harnesses and lanyards.

⚠ WARNING

Designed for a 6 ft (1.8 m) maximum free fall.

FEATURES

- High-abrasion resistance
- Fire retardent
- Lightweight

APPLICATIONS

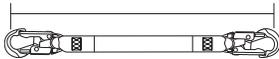
- Welding
- High heat environments

APPLICABLE STANDARDS

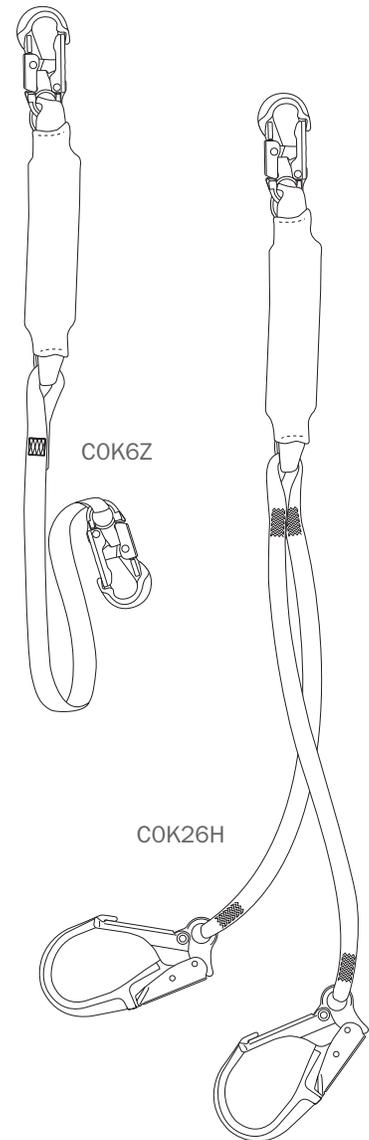
- ANSI Z359.13-2009
- ANSI A10.32-2012
- OSHA 1926
- OSHA 1910

SIZES

- 4, 5 and 6 ft. (1.2, 1.5 and 1.8 m) only



Size of lanyards are based on measurement from inside of each extremity hook.



AVAILABLE MODELS

All shock-absorbing lanyards have a ¾ in. (20 mm) self-locking snap hook on shock pack extremity.

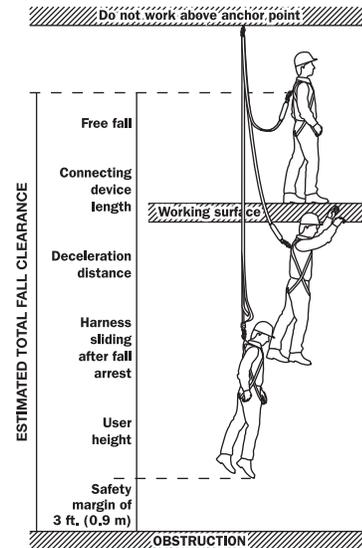
- **C0K6Z** 6 ft. (1.8 m) with a ¾ in. (20 mm) self-locking snap hook on the other end
- **C0K6H** 6 ft. (1.8 m) with a 2¼ in. (57 mm) self-locking snap hook on the other end
- **C0K26Z** 6 ft. (1.8 m), two arms with ¾ in. (20 mm) self-locking snap hook on each arms
- **C0K26H** 6 ft. (1.8 m), two arms with 2¼ in. (57 mm) self-locking snap hook on each arm

For information on Tractel® connectors, refer to technical sheet T-4536.

WARNING

When choosing an anchorage point, take into consideration the deceleration distance. The shock absorber can elongate up to 42 in. (1.1 m) as it extends during activation.

Free fall distance must never be greater than 6 ft. (1.8 m). Consult local regulations as permitted free fall distance may be less than 6 ft. (1.8 m).



PARTS	SPECIFICATIONS
TEAR WEBBING	Minimum tearing force: 500 lbs. (2.2 kN) Maximum impact force: 900 lbs. (4 kN) Maximum deployment length: 42 in. (1.1 m)
SHOCK ABSORBER WEBBING	High tenacity polyester Width: 1¾ in. (45 mm) Thickness: ¼ in. (1.4 mm) Tensile strength: 5,700 lbs. (25.4 kN) Webbing is heat-cut to prevent fraying.
SHOCK ABSORBER PROTECTIVE COVER	100% protective cover from hook to hook Coated 100% Nomex black tubular Thickness: ½ in. (0.8 mm)
KEVLAR® WEBBING	78% Kevlar® , 22% technora webbing Width: 1¾ in. (45 mm) Thickness: ¾ in. (2 mm) Tensile strength: 10,000 lbs. (44.5 kN) Critical melt: 400°F (204°C) Melting (charring point): 800°F (427°C) Webbing is heat-cut to prevent fraying.
STITCHING	Lanyard is lock-stitched. Thread: Kevlar® 400/3 138 natural and #138 polyester
¾ IN. (20 MM) SELF-LOCKING SNAP HOOK (43601 – Z HOOK)	Plating: zinc dichromate Proof-loaded 100% at 3,600 lbs. (16 kN) Tensile strength: 5,000 lbs. (22.2 kN) Gate strength: side and face 3,600 lbs. (16 kN)
2¼ IN. (57 MM) SELF-LOCKING SNAP HOOK (43615 – H HOOK)	Plating: zinc dichromate Proof-loaded 100% at 3,600 lbs. (16 kN) Tensile strength: 5,000 lbs. (22.2 kN) Gate strength: side and face 3,600 lbs. (16 kN)
CAPACITY	310 lbs. (140 kg), one person

Specifications are subject to change without notice. Images are for illustrative purposes only.