

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 the 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 COK6G Tracpac Kevlar shock-absorbing lanyard is composed of a shock absorber to which a 1¼-in. (45 mm) Kevlar lanyard is attached. The shock absorber is covered with a tubular Nomex sleeve. The CK906G Tracpac Kevlar shock-absorbing lanyard is composed of a shock absorber to which a ⅝-in. (8 mm) vinyl covered wire rope lanyard is attached.

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 higher 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).

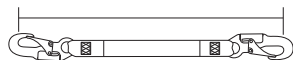
For further information, refer to the "Use and Maintenance Instructions" for harnesses, belts and lanyards.

Features

- High-abrasion resistance
- Fire retardant
- Lightweight

Sizes

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



Size of lanyards are based on measurement from inside to inside hook.

Applications

- Welding
- High heat environments

Applicable standards

- ANSI/ASSE Z359.1-2007 (some models)
- ANSI/ASSE A10.32-2004
- OSHA 1926 and 1910
- CSA Z259.11-05, class E4

Available models that meet

ANSI/ASSE Z359.1-2007

All shock-absorbing lanyards have a ¾-in. (19 mm) self-locking snap hook on one end.

- COK6Z 6 ft. (1.8 m) shock-absorbing lanyard with a ¾-in. (19 mm) self-locking snap hook on the other end
- CK906Z 6 ft. (1.8 m) vinyl covered wire rope lanyard with a ¾-in. (19 mm) self-locking snap hook on the other end

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

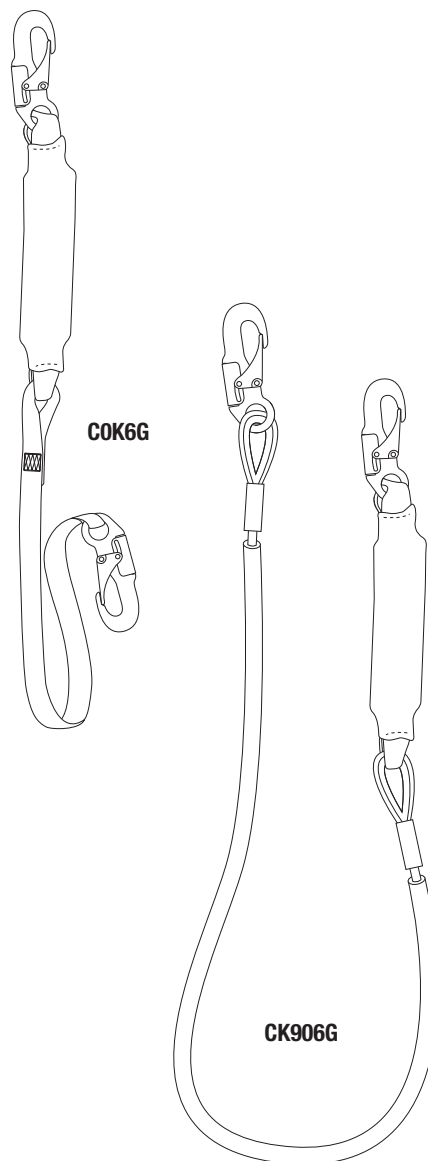
Available models that meet

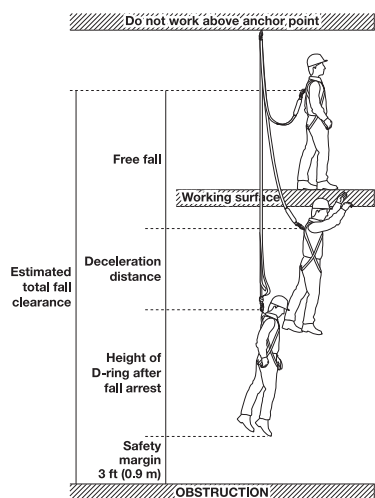
ANSI/ASSE 10.32-2004 ONLY

All shock-absorbing lanyards have a ¾-in. (19 mm) self-locking snap hook on one end.

- COK6G 6 ft. (1.8 m) shock-absorbing lanyard with a ¾-in. (19 mm) self-locking snap hook on the other end
- CK906G 6 ft. (1.8 m) vinyl covered wire rope lanyard with a ¾-in. (19 mm) self-locking snap hook on the other end

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	APPLICABLE STANDARDS
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)	ANSI Z359.1-2007 ANSI 10.32-2004 CSA Z259.11-05, class E4
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.	ANSI Z359.1-2007 ANSI 10.32-2004 CSA Z259.11-05, class E4
Shock absorber protective cover	100% protective cover from hook to hook Coated 100% Nomex black tubular Thickness: ½ in. (0.8 mm)	Pass NFPA heat test Pass NFPA flame test
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)	ANSI Z359.1-2007 ANSI 10.32-2004 CSA Z259.11-05, class E4 Pass NFPA heat test Pass NFPA flame test
Wire rope	Galvanized aircraft cable 7 x 19 Wire rope dia.: ¼ in. (6 mm) Wire rope with vinyl dia.: ⅝ in. (8 mm) Tensile strength: 7,000 lbs. (31.1 kN)	ANSI Z359.1-2007 ANSI 10.32-2004
Stitching	Lanyard is lock-stitched. Thread: Kevlar 400/3 138 natural and #138 polyester	CSA Z259.12-01
¾-in. (19 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)	ANSI Z359.1-2007 ANSI 10.32-2004 CSA Z259.12-01
¾-in. (19 mm) self-locking snap hook (45000 – G hook)	Plating: zinc dichromate Proof-loaded 100% at 3,600 lbs. (16 kN) Tensile strength: 5,000 lbs. (22.2 kN) Gate strength: side 350 lbs. (1.6 kN), face 220 lbs. (1.0 kN)	ANSI 10.32-2004 CSA Z259.12-01
Capacity	310 lbs. (140 kg), one person	ANSI Z359.1-2007 ANSI 10.32-2004 CSA Z259.11-05, class E4