

The Tracforce® 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 Tracforce® shock-absorbing lanyard will far outlast polyester or nylon and result in an economic benefit.

The Tracforce® 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.

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 lengthens through tearing on its weave and stitching. This action limits the average arresting force to 1,350 lbs. (6 kN).

The dual leg model allows the worker to remain safely connected at all time (100% tie-off) while climbing or on the move.

For further information, refer to the “Use and Maintenance Instructions” for lanyards.

⚠ WARNING

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

FEATURES

- High-abrasion resistance
- Fire retardant
- Lightweight

APPLICATIONS

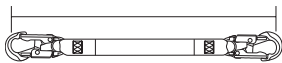
- Welding
- High heat environments

APPLICABLE STANDARDS

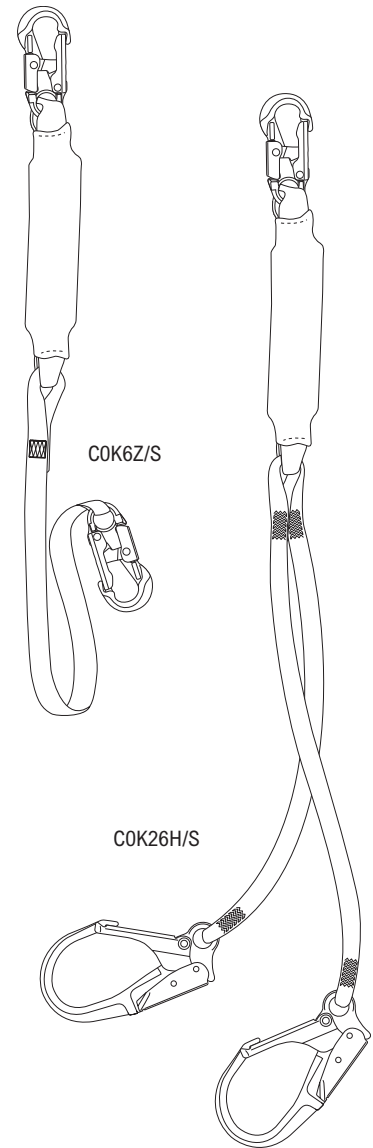
- CSA Z259.11-17

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

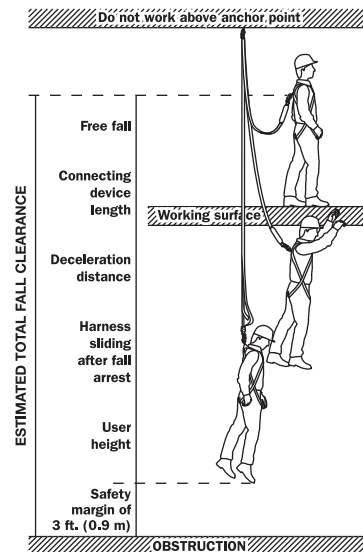
Code	Leg(s)	Length	Connector on shock pack extremity	Connector(s) on leg(s)	Maximum elongation	Capacity	Average arresting force
COK4Z/L	1	4 ft. (1.2 m)	¾ in. (20 mm)	¾ in. (20 mm)	42 in. (1.1 m)	132 to 310 lb. (60 to 140 kg)	900 lb. (4 kN)
COK5Z/L	1	5 ft. (1.5 m)	¾ in. (20 mm)	¾ in. (20 mm)	42 in. (1.1 m)	132 to 310 lb. (60 to 140 kg)	900 lb. (4 kN)
COK6Z/L	1	6 ft. (1.8 m)	¾ in. (20 mm)	¾ in. (20 mm)	42 in. (1.1 m)	132 to 310 lb. (60 to 140 kg)	900 lb. (4 kN)
COK24H/L	2	4 ft. (1.2 m)	¾ in. (20 mm)	2¼ in. (57 mm)	42 in. (1.1 m)	132 to 310 lb. (60 to 140 kg)	900 lb. (4 kN)
COK25H/L	2	5 ft. (1.5 m)	¾ in. (20 mm)	2¼ in. (57 mm)	42 in. (1.1 m)	132 to 310 lb. (60 to 140 kg)	900 lb. (4 kN)
COK26H/L	2	6 ft. (1.8 m)	¾ in. (20 mm)	2¼ in. (57 mm)	42 in. (1.1 m)	132 to 310 lb. (60 to 140 kg)	900 lb. (4 kN)
COK4Z/S	1	4 ft. (1.2 m)	¾ in. (20 mm)	¾ in. (20 mm)	68 in. (1.75 m)	196 to 420 lb. (90 to 190 kg)	1,300 lb. (6 kN)
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Tractel offer a variety of connectors. For information, 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 68 in. (1.75 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: 1,350 lbs. (6 kN) Maximum deployment length: 68 in. (1.75 m)
SHOCK ABSORBER WEBBING	High tenacity polyester Width: 1¼ in. (45 mm) Thickness: ⅛ 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: 1¼ in. (45 mm) Thickness: ⅝ 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	196 to 420 lb. (90 to 190 kg), one person