

The Tracpac 5/8-in. (16 mm) rope shock-absorbing lanyard is composed of a shock-absorbing device to which a 5/8-in. (16 mm) 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).

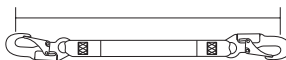
The purpose of the shock absorber is to lower the impact force experienced in a fall by dissipating the kinetic energy and controlling deceleration. The shock-absorbing device is made of a specially woven webbing that elongates through tearing on its weave and stitching. This action limits the impact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

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

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

Size

- The Tracpac 5/8-in. (16 mm) rope shock-absorbing lanyard is offered only in a length of 6 ft. (1.8 m).



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

Applications

- Tower climbing

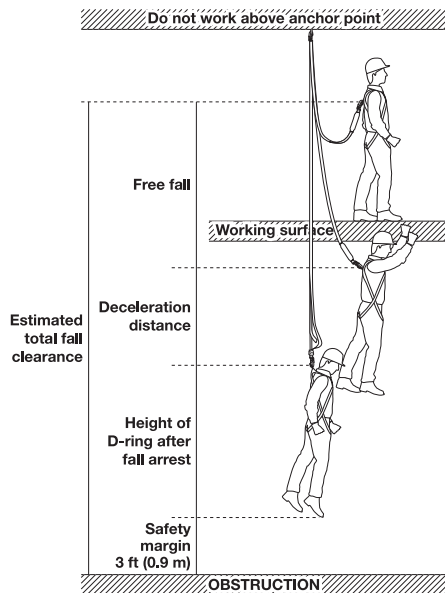
Applicable standards

- ANSI Z359.1-1999 and A10.32-2004
- OSHA fall protection requirements
- CSA Z259.11-05, class E4

Available model

C826M 6 ft. (1.8 m) long with 3/4-in. (19 mm) self-locking snap hook at shock pack and 2 1/2-in. (64 mm) self-locking snap hook at other ends.

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
Shock-absorbing device	Minimum tearing force: 500 lbs. (2.2 kN) Maximum impact force: 900 lbs. (4 kN) Maximum deployment length: 42 in. (1.1 m)	ANSI Z359.1-1999 CSA Z259.11-05, class E4
Webbing	High tenacity polyester Width: 1 3/4 in. (45 mm) Thickness: 1/16 in. (1.4 mm) Tensile strength: 5,700 lbs. (25.4 kN) Webbing is heat-cut to prevent fraying.	ANSI Z359.1-1999 CSA Z259.11-05, class E4
Shock absorber protective cover	High tenacity polyester Width: 3 3/8 in. (85 mm) Tubular construction	ANSI Z359.1-1999 CSA Z259.11-05, class E4
Nylon 3-strand rope	Heat set and stabilized Diameter: 5/8 in. (16 mm) Tensile strength: 8,800 lbs. (39 kN)	ANSI Z359.1-1999 CSA Z259.2.1-98
Termination	Eye spliced Nylon thimble 1/2 in. (13 mm) at snap hook end	ANSI Z359.1-1999 CSA Z259.12-01
Stitching	Lanyard is lock-stitched. Thread: #138 polyester	CSA Z259.12-01
2 1/2-in. (64 mm) self-locking snap hook	Plating: zinc dichromate Proof-loaded 100% at 3,600 lbs. (16 kN) Tensile strength: 5,000 lbs. (22.2 kN)	ANSI Z359.1-1999 CSA Z259.12-01
Capacity	310 lbs. (140 kg), one person	ANSI Z359.1-1999 CSA Z259.11-05, class E4