

The Tracpac shock absorbers are designed to be incorporated in a fall arrest or travel restraint system.

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 the E4 model and to less than 1,350 lbs. (6 kN) for the E6 model.

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.

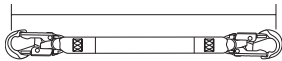
APPLICATIONS

- Construction
- Maintenance

APPLICABLE STANDARDS

- CSA Z259.11-05 (2010), class E4 or class E6

SIZES



Size of lanyards are based on measurement from inside of each extremity hook/D-ring.

AVAILABLE MODELS THAT MEET CSA Z259.11-05 (2010), CLASS E4 WITH A CAPACITY OF 100 TO 254 LBS. (45 TO 115 KG)

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

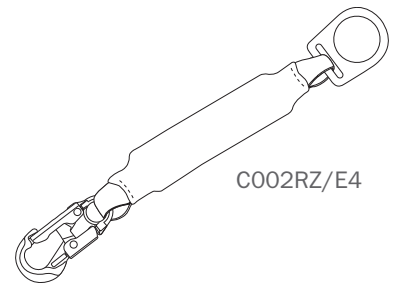
- **C002RZ/E4** 18 in. (45.7 cm) shock absorber with one D-ring and one ¾ in. (19 mm) self-locking snap hook
- **C002Z/E4** 24 in. (61 cm) shock absorber with two ¾ in. (19 mm) self-locking snap hooks

AVAILABLE MODELS THAT MEET CSA Z259.11-05 (2010), CLASS E6 WITH A CAPACITY OF 200 TO 386 LBS. (90 TO 175 KG)

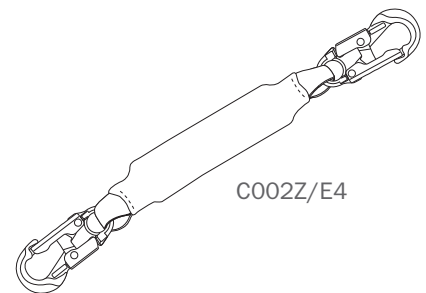
All shock-absorbing lanyards have a ¾ in. (20 mm) self-locking snap hook on shock pack extremity.

- **C002RZ/E6** 18 in. (45.7 cm) shock absorber with one D-ring and one ¾ in. (19 mm) self-locking snap hook
- **C002Z/E6** 24 in. (61 cm) shock absorber with two ¾ in. (19 mm) self-locking snap hooks

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



C002RZ/E4



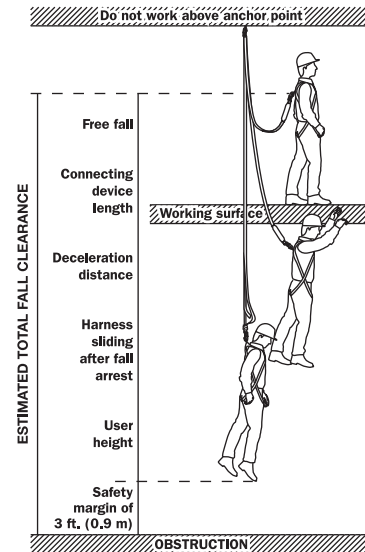
C002Z/E4

⚠ WARNING

When choosing an anchorage point, take into consideration the deceleration distance. The shock absorber can elongate up to:

- E4 models: 42 in. (1.1 m) as it extends during activation.
- E6 models: 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 FOR E4 MODELS	Minimum tearing force: 500 lbs. (2.2 kN) Maximum impact force: 900 lbs. (4 kN) Maximum deployment length: 42 in. (1.1 m)
TEAR WEBBING FOR E6 MODELS	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 AND LANYARD 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	High tenacity polyester Width: 3¾ in. (85 mm) Tubular construction
STITCHING	Lanyard is lock-stitched. Thread: #138 polyester
D-RING	Plating: zinc dichromate Proof-loaded 100% at 3,600 lbs. (16 kN) Tensile strength: 5,000 lbs. (22.2 kN)
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)
CAPACITY FOR E4 MODELS	100 to 254 lbs. (45 to 115 kg), one person
CAPACITY FOR E6 MODELS	200 to 386 lbs. (90 to 175 kg), one person