

The Stretchfor shock-absorbing lanyard is composed of a specially woven core material, a structural tubular sheath webbing and an internal elastic retainer. The core material is constructed to stretch when dynamically loaded. The tubular sheath acts as a protective cover with a 7,500 lbs. (33.3 kN) structural safety factor surrounding the core material.

In addition to the primary function of deceleration the Stretchfor has an elastic retainer inside the tubular webbing designed to introduce stretch from 4½ to 6 ft. (1.3 to 1.8 m) providing mobility to the worker, without the clutter of a longer length lanyard. This function also acts as an indicator to the user that they are nearing the full extension of the lanyard, eliminating that sudden surprise commonly experienced with tear webbing counter parts. Each arm of the Stretchfor lanyard possesses fall indicator tabs below the attachment hook that indicates that the lanyard has extended and must not be reused.

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 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.

The dual arm 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 harnesses and lanyards.

WARNING

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

FEATURES

- Reduces tripping hazards
- Fall indicator
- Stretchable design

APPLICATIONS

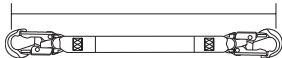
- Steel erection
- Construction
- Scaffold

APPLICABLE STANDARDS

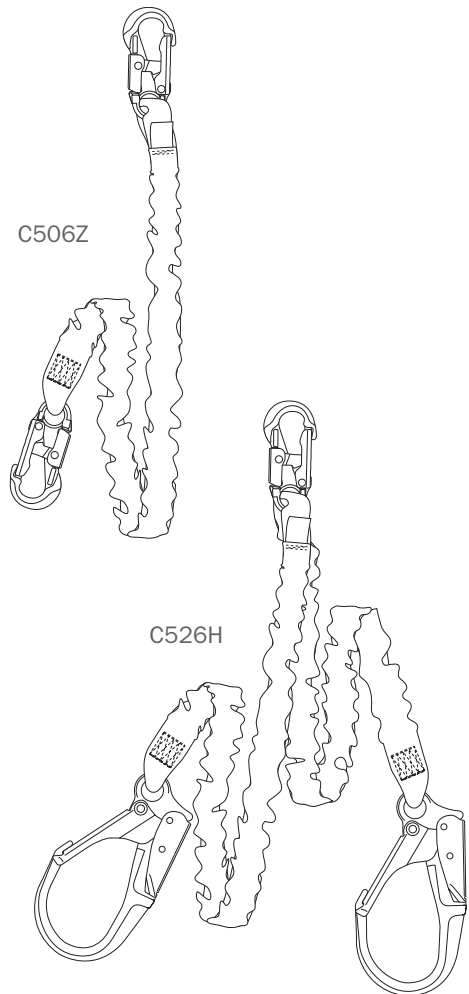
- CSA Z259.11-05 (2010) class E4 or class E6

SIZES

- Stretches from 4½ to 6 ft. (1.4 to 1.8 m) only



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



**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.

- **C506Z/E4** 4½ to 6 ft. (1.4 to 1.8 m) with a ¾ in. (20 mm) self-locking snap hook on the other end
- **C506H/E4** 4½ to 6 ft. (1.4 to 1.8 m) with a 2¼ in. (57 mm) self-locking snap hook on the other end
- **C526H/E4** 4½ to 6 ft. (1.4 to 1.8 m), two arms with a 2¼ in. (57 mm) self-locking snap hook on each arm
- **C526Y/E4** 4½ to 6 ft. (1.4 to 1.8 m), two arms with a 2½ in. (64 mm) aluminum self-locking snap hook on each arm

**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.

- **C506Z/E6** 4½ to 6 ft. (1.4 to 1.8 m) with a ¾ in. (20 mm) self-locking snap hook on the other end
- **C506H/E6** 4½ to 6 ft. (1.4 to 1.8 m) with a 2¼ in. (57 mm) self-locking snap hook on the other end
- **C526H/E6** 4½ to 6 ft. (1.4 to 1.8 m), two arms with a 2¼ in. (57 mm) self-locking snap hook on each arm
- **C526Y/E4** 4½ to 6 ft. (1.4 to 1.8 m), two arms with a 2½ in. (64 mm) aluminum self-locking snap hook on each arm

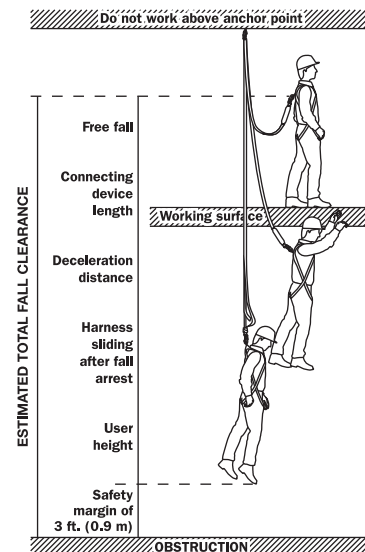
For information on Tractel® connectors, refer to technical sheet T-4536.

⚠ WARNING

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

- 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)
SHEATH TUBULAR WEBBING	High tenacity polyester Width: 2 in. (52 mm) Thickness: $\frac{5}{64}$ in. (2 mm) Tensile strength: 7,500 lbs. (33.3 kN) Webbing is heat-cut to prevent fraying.
STITCHING	Lanyard is lock-stitched. Thread: #138 polyester
$\frac{3}{4}$ 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)
$2\frac{1}{4}$ 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 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