

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. 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 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

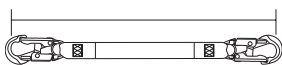
- Steel erection
- Construction
- Scaffold

APPLICABLE STANDARDS

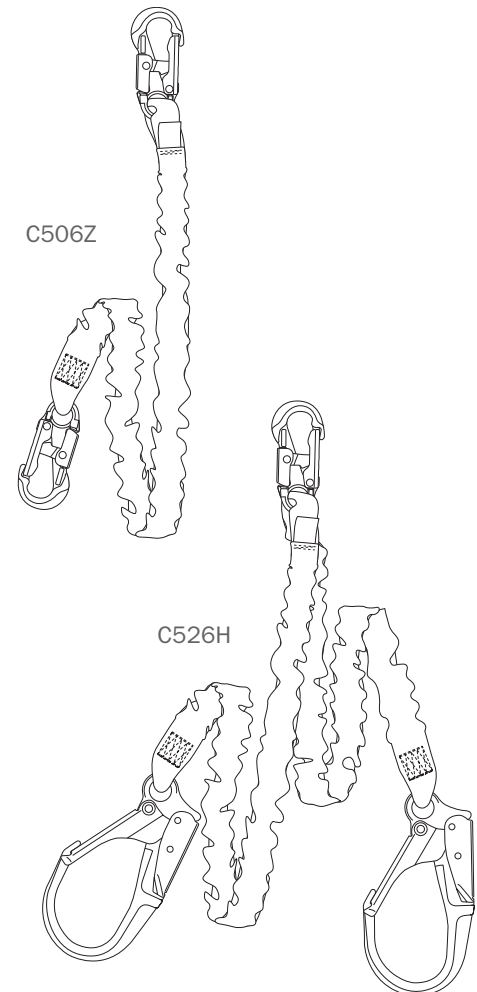
- ANSI Z359.13-2009
- ANSI A10.32-2012
- OSHA 1926
- OSHA 1910

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

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

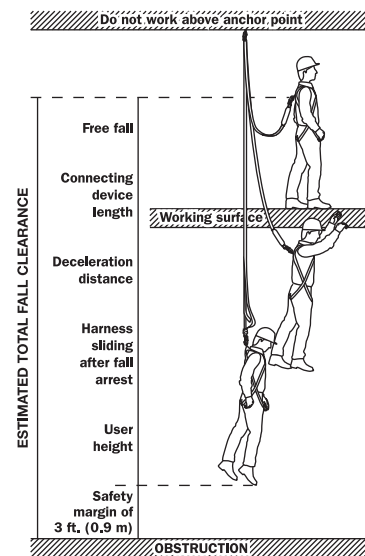
- **C506Z** 4½ to 6 ft. (1.4 to 1.8 m) with a ¾ in. (20 mm) self-locking snap hook on the other end
- **C506H** 4½ to 6 ft. (1.4 to 1.8 m) with a 2¼ in. (57 mm) self-locking snap hook on the other end
- **C526H** 4½ to 6 ft. (1.4 to 1.8 m), two arms with a 2¼ in. (57 mm) self-locking snap hook on each arm
- **C526Y** 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 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
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)
SHEATH TUBULAR WEBBING	High tenacity polyester Width: 2 in. (52 mm) Thickness: ¼ in. (2 mm) Tensile strength: 7,500 lbs. (33.3 kN) Webbing is heat-cut to prevent fraying.
CORE ELASTIC	Braided heavy duty elastic Width: 1 in. (25 mm)
STITCHING	Lanyard is lock-stitched. Thread: #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	310 lbs. (140 kg), one person

Specifications are subject to change without notice. Images are for illustrative purposes only.