

The Stretchfor rescue lanyard has been designed as a dual purpose shock absorbing lanyard that meets both fall arrest and rescue applications. The primary function of the Stretchfor rescue lanyard is to serve as a shock absorber which arrests a fall by reducing the impact forces to less than 900 lbs. (4 kN) and absorbing the energy that occurs during the fall. The lanyard's secondary function is to act as a rescue line by providing an in-line connection point which allows the victim to be raised or lowered safely after the fall. The rescue ring on the unit allows the rescue team an easy access connection point so that the lanyard, which is under tension of the victim's weight, can be disconnected from the user's anchorage point allowing for a more effective and time efficient rescue.

The rescue lanyard is composed of a specially woven core material, structural tubular sheath webbing and an internal elastic retainer. The core material is constructed to stretch when dynamically loaded which, during a fall, controls the deceleration speed and distance as well as reducing the impact forces and absorbing the energy on the user. The internal elastic retainer is designed to control the lanyards length from approximately 4½ to 6 ft. (1.3 to 1.8 m) which reduces trip hazards while walking and climbing yet gives the user full working range and mobility. The outer tubular sheath acts as a protective cover against cuts and abrasion with a 7,500 lbs. (33.3 kN) structural safety factor surrounding the inner core material.

Another added safety feature of the Stretchfor rescue lanyard is a built-in impact indicator on the leg near the snap hook. This fold-over indicator is designed to rip the impact stitch which indicates to the user that the lanyard has been impacted and should be removed from service. It also serves as an inspection point that the worker can easily reference upon each use of the lanyard.

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**

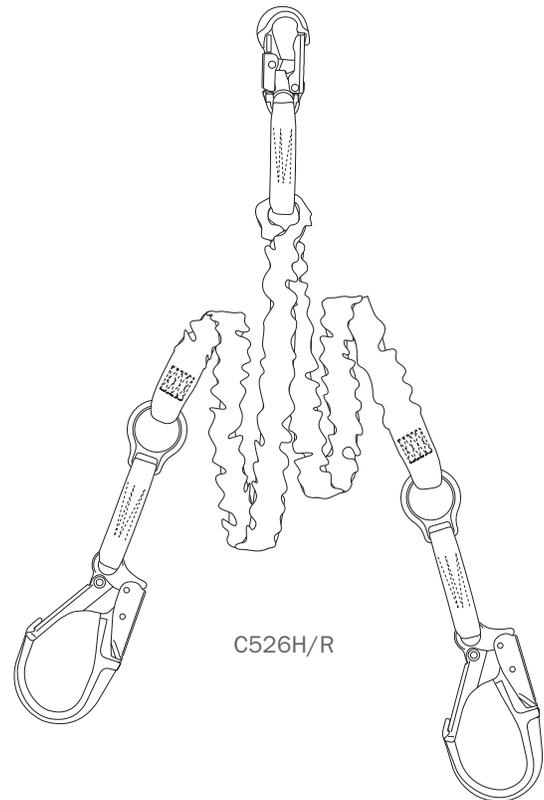
- Stretch design provides reduced trip hazards
- Outer protective cover provides greater wear resistance
- In-line rescue ring provides quick link for emergency rescue
- Built-in impact indicator / Inspection fold

### **APPLICATIONS**

- Wind industry
- Tower climbing
- Steel erection
- General construction
- Scaffold erection

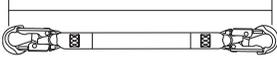
### **APPLICABLE STANDARDS**

- 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.

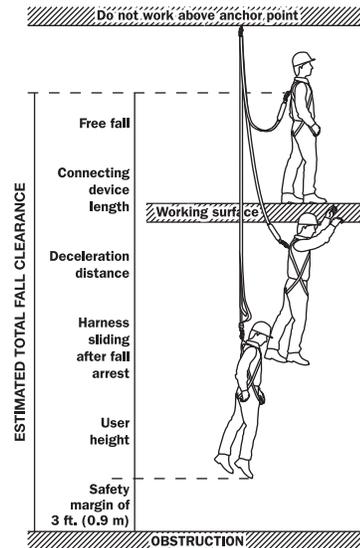
- **C506Z/R** 4½ to 6 ft. (1.4 to 1.8 m) with a ¾ in. (20 mm) self-locking snap hook on the other end
- **C506H/R** 4½ to 6 ft. (1.4 to 1.8 m) with a 2¼ in. (57 mm) self-locking snap hook on the other end
- **C526Z/R** 4½ to 6 ft. (1.4 to 1.8 m), two arms with a ¾ in. (20 mm) self-locking snap hook on each arm
- **C526H/R** 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/R** 4½ to 6 ft. (1.4 to 1.8 m), two arms with a 2½ in. (64 mm) aluminum carabiner 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).



<b>PARTS</b>	<b>SPECIFICATIONS</b>
<b>TEAR WEBBING</b>	Minimum tearing force: 500 lbs. (2.2 kN) Maximum impact force: 900 lbs. (4 kN) Maximum deployment length: 42 in. (1.1 m)
<b>SHEATH TUBULAR WEBBING</b>	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.
<b>CORE ELASTIC</b>	Braided heavy duty elastic Width: 1 in. (25 mm)
<b>STITCHING</b>	Lanyard is lock-stitched. Thread: #138 polyester
<b>RESCUE RING</b>	Plating: zinc dichromate Proof-loaded 100% at 3,600 lbs. (16 kN) Tensile strength: 5,000 lbs. (22.2 kN)
<b><math>\frac{3}{4}</math> IN. (20 MM) SELF-LOCKING SNAP HOOK (43601 – Z HOOK)</b>	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)
<b><math>2\frac{1}{4}</math> IN. (57 MM) SELF-LOCKING SNAP HOOK (43615 – H HOOK)</b>	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)
<b><math>2\frac{1}{2}</math> IN. (64 MM) SELF-LOCKING SNAP HOOK (43618 – Y HOOK)</b>	Polished aluminum 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)
<b>CAPACITY</b>	310 lbs. (140 kg), one person

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