

TECHNICAL SHEET

The TracBloc self-retracting lifelines are made of a shock absorber and a self-retracting lifeline. They are designed to be used as a connecting device in a personal fall arrest system. The TracBloc self-retracting lifelines connect the user's harness to the anchorage point. Typical applications are: warehouse use, order-picker, manufacturing, scaffolding, construction, elevated platforms and general maintenance, repairs and operations.

The TracBloc self-retracting lifeline allow freedom of movement in elevated areas, and eliminates tripping hazards and dangerous falls normally associated with fixed length lifelines. In case of a slip or a fall, an internal locking system immediately activates to arrest the fall.

The self-retracting lifelines have a webbing wound on a spring-loaded drum. They are supplied with a ¾ in. (20 mm) self-locking snap hook at the shock pack end. The TracBloc also has a ¾ in. (20 mm) self-locking snap hook at the arm and TracBloc2 offers 2½ in. (64 mm) self-locking snap hooks at each arm. A fall indicator label is sewn on the shock pack.

The new design includes a new housing made of thermoplastic material making it lightweight, robust and resistant to impact, wear, abrasion and ageing. It also has an improved responsive system that, in an event of a fall, allows the breaking system to function quickly (in less than 10 cm [4 in.] drop), thus reducing the distance of the fall. Additionally, the new design is equipped with a new spring system that improves unwinding without sticking (blocking) points during use.

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 an average arrest force of 900 lb. (400 kg) for the one arm TracBloc and 1,350 lb. (610 kg) for the two arms TracBloc2.

The TracBloc2 has two arms and 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 the TracBloc self-retracting lifeline.

⚠ WARNING

Always select an anchorage point that is capable of supporting a minimum load of 5,000 lb. (22.2 kN).

APPLICATIONS

- Warehouse use
- Order-picker
- Manufacturing
- Scaffolding
- Construction
- Elevated platforms
- General maintenance
- Repairs and operations

APPLICABLE STANDARDS

- CSA Z259.2.2-18, class SRL
- ANSI Z359.14-2014
- OSHA



TECHNICAL SHEET

AVAILABLE MODELS

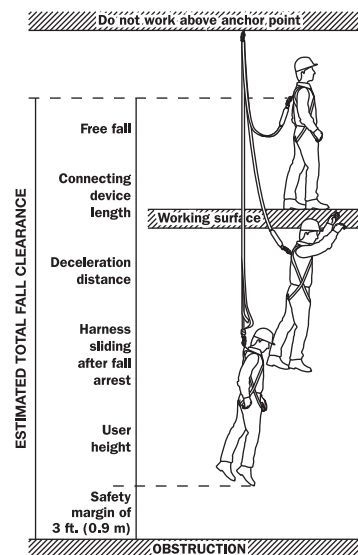
- **TRACBLOC** 7 ft. (2.1 m) TracBloc self-retracting lifeline with ¾ in. (20 mm) self-locking snap hooks all ends
- **TRACBLOC2** 8 ft. (2.4 m) TracBloc2 self-retracting lifeline with two arms, ¾ in. (20 mm) self-locking snap hook at shock pack and 2½ in. (64 mm) self-locking aluminium snap hook at both 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 should not 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
SRL HOUSING	Thermoplastic with internal steel components and non-corrosive components
LIFELINE WEBBING	Polyester Width: ¾ in. (20 mm) Thickness: ⅛ in. (1.6 mm) Tensile strength: 4,500 lb. (20 kN) Elongation @ 2,500 lb. (11.1 kN): 3.58% max. for dry condition and 5.43% for wet condition
TEAR WEBBING FOR THE TRACBLOC	Single wing natural polyester Width: 1.95 in. (50 mm)
TEAR WEBBING FOR THE TRACBLOC2	Double wing natural polyester Width: 1.38 in. (35 mm)
SHOCK ABSORBER PROTECTIVE COVER	High tenacity polyester Width: 3⅝ in. (85 mm) Tubular construction
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 lb. (16 kN) Tensile strength: 5,000 lb. (22.2 kN) Gate strength: side and face 3,600 lb. (16 kN)
2½ IN. (64 MM) SELF-LOCKING SNAP HOOK (43618 – Y HOOK)	Polished aluminium Proof-loaded 100% at 3,600 lb. (16 kN) Tensile strength: 5,000 lb. (22.2 kN) Gate strength: side and face 3,600 lb. (16 kN)
WEIGHT	TracBloc: 3.5 lb. (1.6 kg) TracBloc2: 7 lb. (3.2 kg)
CAPACITY	310 lb. (140 kg), one person

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