

VERTICAL CABLE LIFELINE ON LADDER

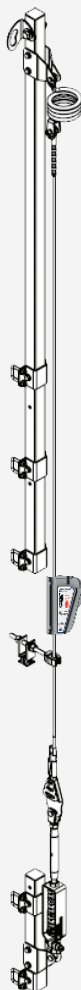
Vertical lifeline with manual
passage on flexible cable
support

Regarding interfaces :

SLV76, SLV71, SLV70, SLV15-L, SL04,
SLV72, SL24-L, SLV77, SLV75, SLV73
ET SLV74

BENEFITS

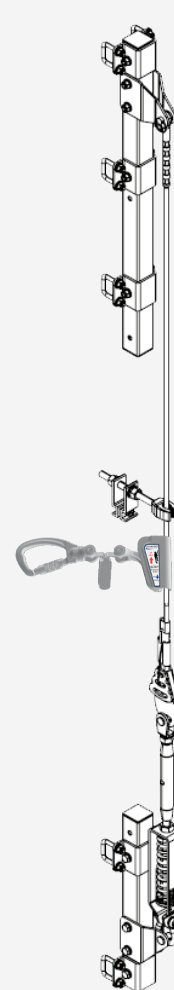
- The SecurLine vertical lifeline enables a worker equipped with PPE (Personal Protective Equipment) to secure their ascent on a ladder. It can be installed on pylons, concrete or metal structures, etc. Suitable for indoor and outdoor use.
- The fall arrest system on the cable (SLV73 or SL74) allows a user to be secured during their movements, without interruption..
- The SecurLine vertical lifeline is used in various industries such as wind energy, telecommunications, sanitation, nuclear power plants, or any other industry with access via unsecured ladders.
- This vertical lifeline is fixed by clamping onto the rungs of a ladder compliant with the standards NF EN 85 - 016 and NF EN ISO 14122-4



ASSEMBLY WITH RAISED
SYSTEM AND ABSORBER ON
THE CABLE



STANDARD ASSEMBLY WITH
ABSORBER ON THE CABLE



STANDARD ASSEMBLY WITH
ABSORBER ON THE FALL
ARRESTER

TECHNICAL SPECIFICATIONS



Stainless
steel 316L



From 1 to 3 users
depending on condi-
tions

To be complete, the vertical lifeline must consist of at least :

- a high anchor point (the high anchor point of the ladder extension bracket complies with EN795 type A; the whole vertical lifeline complies with EN353),
- a low attachment point with tensioner,
- a lifeline support (cable),
- a sliding fall arrester,
- an absorber, on the cable or on the sliding fall arrester on the cable,
- a warning sign.

The maximum inclination of the system must not exceed 15° from the true vertical.

APPLICATIONS

- Mounting on ladder



PRINCIPLE

A sliding vertical cable fall protection system allows a user to be secured during ascent/descent on a ladder. It can be installed on a pole, concrete or metal structure, etc. Suitable for indoor and outdoor installation. Designed for use by a single user in this configuration.

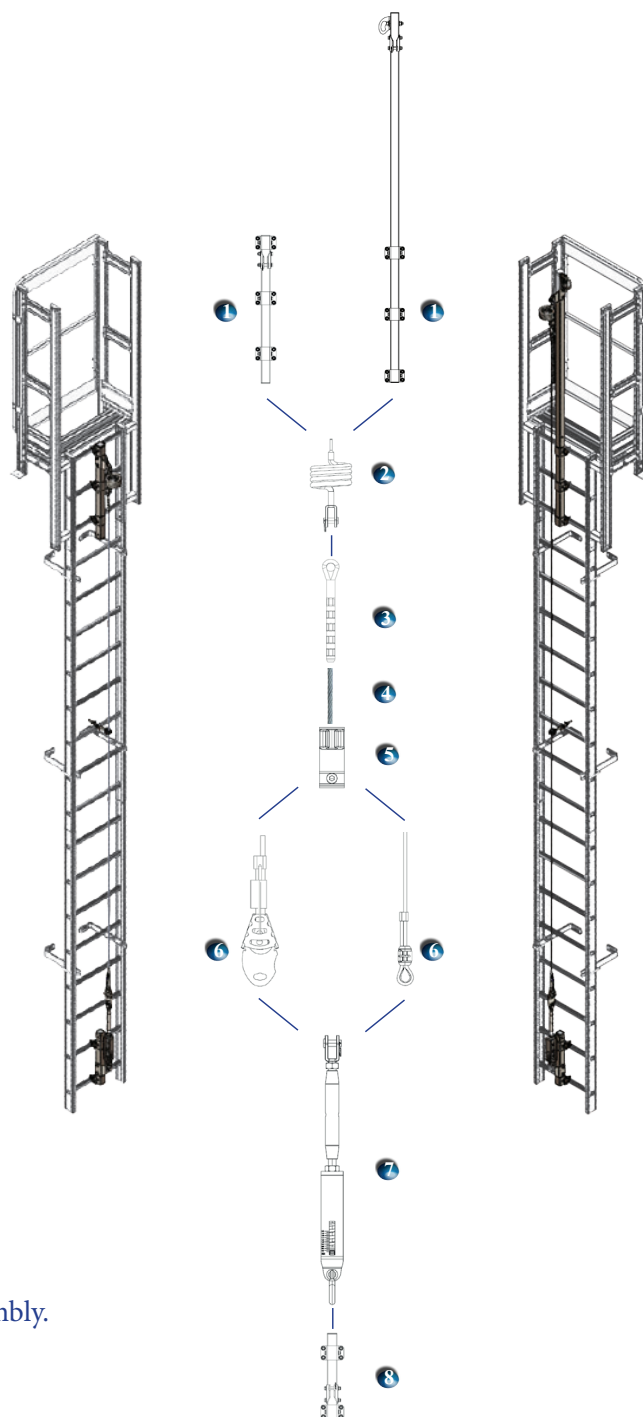
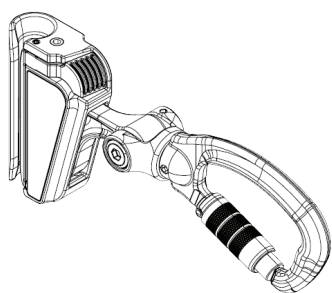
STANDARD SET WITH ABSORBER ON THE CABLE

REFERENCE SLV01

COMPONENTS

- 1 Top fixing bracket SLV71
or
Ladder extension bracket SLV76
- 2 Energy absorber SLV70
- 3 Crimping tool SL15-L or SL15
- 4 Stainless steel cable SL04
- 5 Intermediate cable guide SLV72
- 6 Securvit SL24-L or SL24 or SL23-L or SL23
- 7 Vertical tensioner SLV77
- 8 Low Anchorage SLV75

THE VERTICAL LIFELINE SLV01
IS USED WITH THE
SLV73 FALL ARRESTER



RULES

1 user maximum allowed for the raised anchorage assembly.

Minimum length: 3m (no maximum length).

1 guide cable every 10m.

Connection to the lifeline with the SLV73 sliding fall arrester.



PRINCIPLE

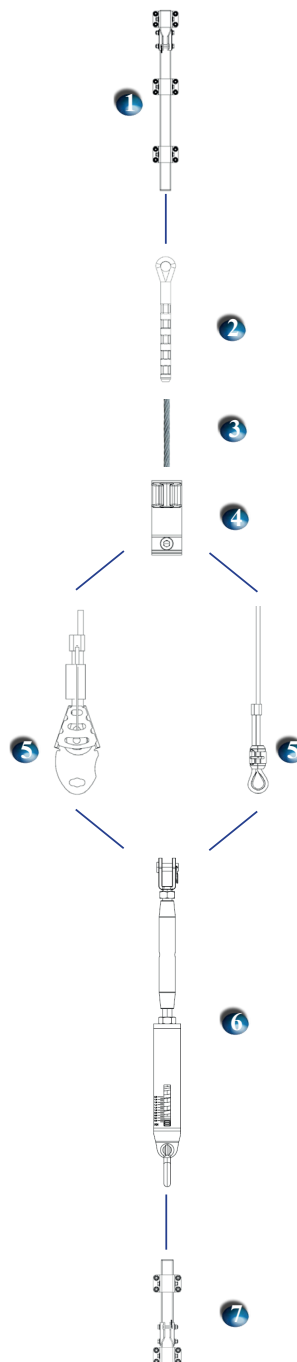
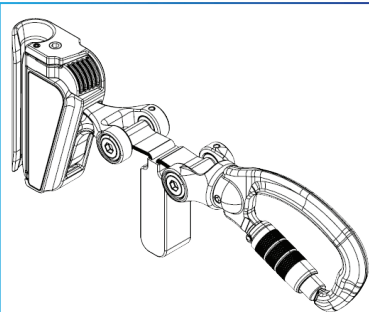
A sliding vertical cable fall protection system allows users to be secured during ascent/descent on a ladder. Suitable for indoor and outdoor installation.

STANDARD SET WITH ABSORBER ON THE FALL ARRESTER REFERENCE SLV02

COMPONENTS

- 1 Top fixing bracket SLV71
- 2 Crimping tool SL15-L
- 3 Stainless steel cable SL04
- 4 Intermediate cable guide SLV72
- 5 Securvit SL24-L or SL24 or SL23-L or SL23
- 6 Vertical tensioner SLV77
- 7 Low Anchorage SLV75

THE VERTICAL LIFELINE SLV02
IS USED WITH THE SLV74 FALL
ARRESTER



RULES

Up to 3 users under specified conditions.

Minimum length: 3m (no maximum length).

1 guide cable every 10m.

Connection to the lifeline with the SLV74 sliding fall arrester as the vertical lifeline does not have an absorber here.



SLV 73

FALL ARRESTER FOR WIRE CABLE

Fall arrester on cable for
vertical lifeline

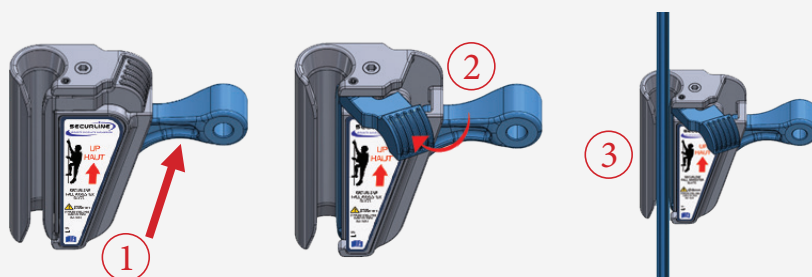
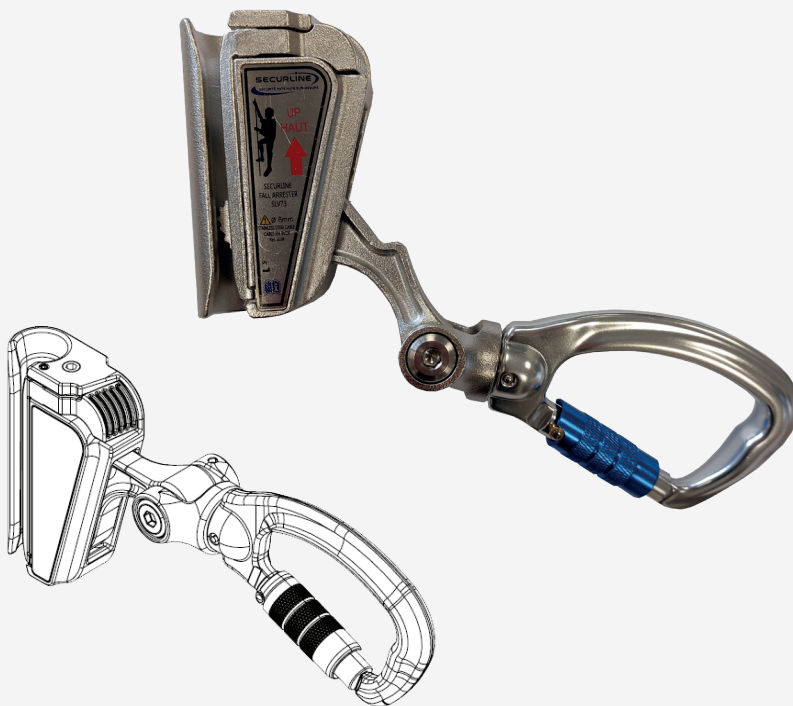


For use with :

VERTICAL LIFELINE

BENEFITS

- Circulating fall arrester for vertical lifelines equipped with an energy-absorbing device. The SLV73 allows the operator to move safely along the cable upwards (ascent) and downwards (descent) without detachment.
- The SLV73 is designed to be easily installed and removed on the safety cable.
- The fall arrester slider allows you to secure yourself using a simple connector (which is directly connected to the sternal ring of the fall arrest harness compliant with EN361).



TECHNICAL SPECIFICATIONS



Breaking strength
>1500 daN



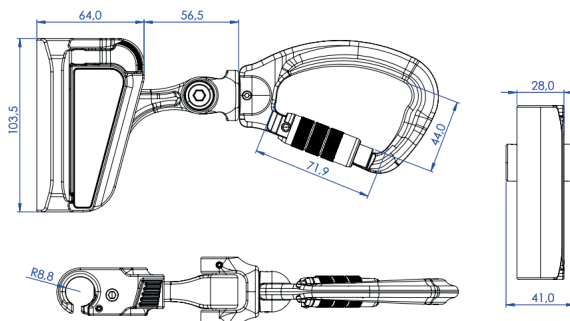
1 user maximum



Stainless
steel 316L



Weight : 0.970kg



APPLICATIONS



Vertical lifeline

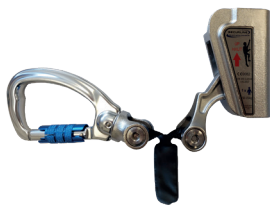


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SLV 74

FALL ARRESTER FOR WIRE CABLE

Fall arrester on cable for
vertical lifeline



For use with :
VERTICAL LIFELINE

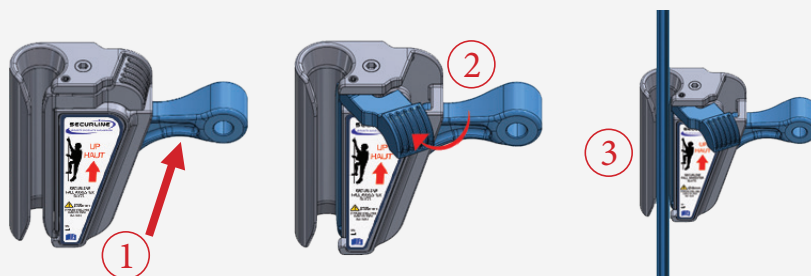
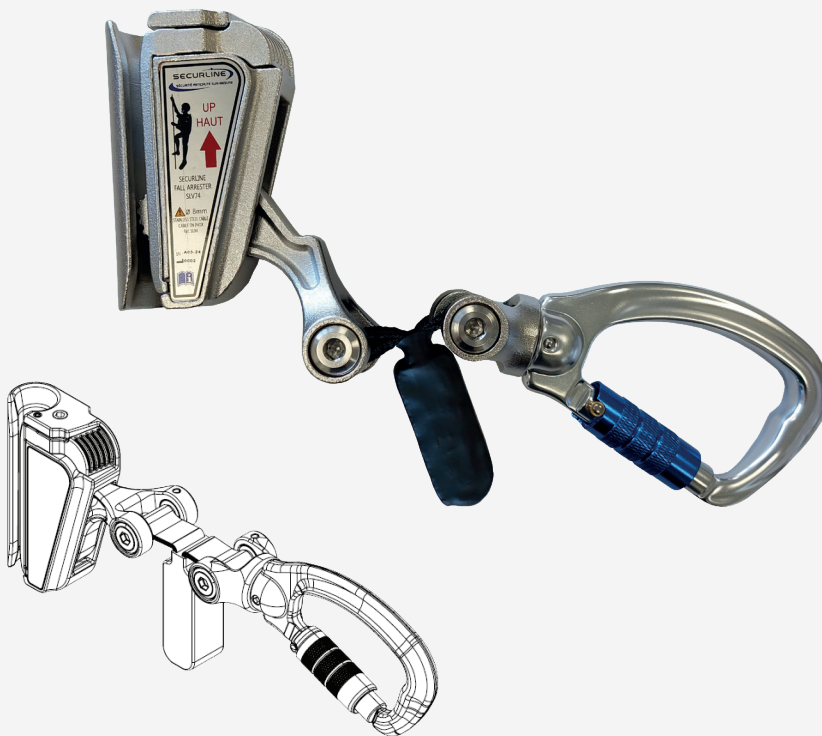
BENEFITS

- Vertical fall arrester equipped with an absorber for vertical lifelines that are not equipped with an energy absorption device.

The SLV74 allows the operator to move safely along the cable upwards (ascent) and downwards (descent) without disengagement.

- The SLV74 is designed to be easily installed and removed on the safety cable.

- The SLV74 fall arrester allows for secure connection directly to the sternal ring of the fall arrest harness compliant with EN361 thanks to its energy-absorbing strap.



TECHNICAL SPECIFICATIONS



Breaking strength
>1500 daN



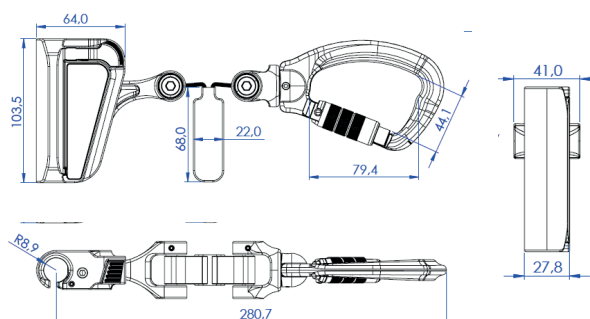
1 user maximum



Stainless
steel 316L



Weight : 1.020kg



APPLICATIONS

- Vertical lifeline



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LADDER EXTENSION BRACKET FOR VERTICAL LIFELINE ON LADDER

For use with :

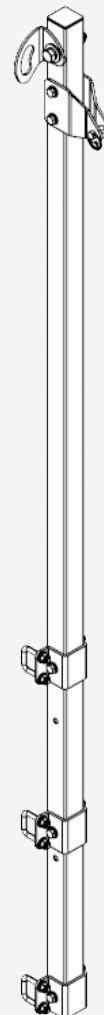
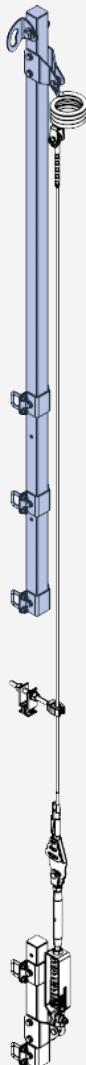
VERTICAL LIFELINE

Raised high anchor point for
vertical lifeline



BENEFITS

- The SLV76 is a vertical lifeline extension; it allows for the high anchoring of the vertical lifeline and easier exit from the ladder while being anchored to the cable.
- EN795 Type A anchorage point at the upper part, allowing for securing during the installation of the SLV73 and SLV74 fall arresters.
- Simple and quick to install. Adapts to the rungs of the ladder conforming to standards NF EN 85-016 and NF EN ISO 14122-4.



TECHNICAL SPECIFICATIONS



1 user maximum



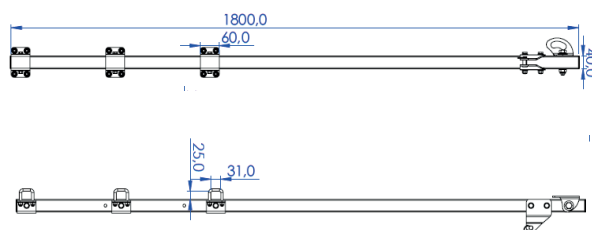
Breaking strength
>1500 daN



Stainless
steel 316L



Weight : 8.7kg



APPLICATIONS

- Vertical lifeline



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Top fixing bracket for
vertical lifeline

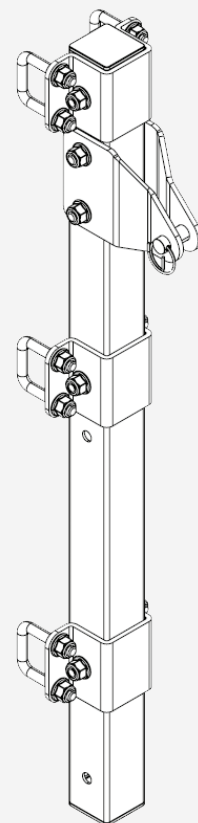
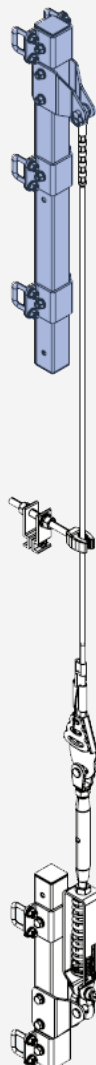


For use with :

VERTICAL LIFELINE

BENEFITS

- The SLV71 is a high-end anchor for vertical lifelines; it is designed to secure the vertical lifeline at the top end of the ladder.
- Adapts to the rungs of the ladder conforming to standards NF EN 85-016 and NF EN ISO 14122-4.
- Simple and quick to install.



TECHNICAL SPECIFICATIONS



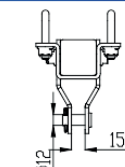
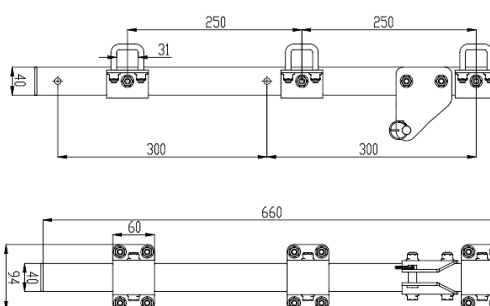
Breaking strength
>1500 daN



Stainless
steel 316L



Weight : 3,4kg



APPLICATIONS



Vertical lifeline



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Energy absorber for vertical lifelines

SLV 70

ENERGY ABSORBER FOR VERTICAL LIFELINE



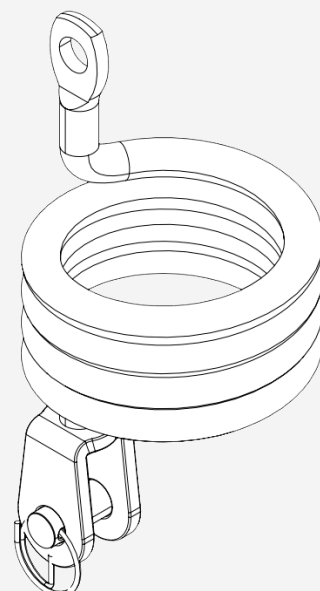
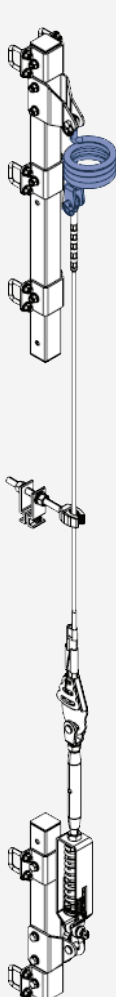
FICHE TECHNIQUE SLV70
ABSORBEUR D'ÉNERGIE LDV VERTICALE

SL-FT SLV70-2024
Version du 4/03/2024

For use with :
VERTICAL LIFELINE

BENEFITS

- The energy absorber SLV70 absorbs the intensity peak during a vertical fall. Made entirely of stainless steel 316 L, without any plastic elements, it is perfectly suitable for the most demanding environments.
- In the event of a fall, the energy absorber SLV70 reduces the deformation of the support and absorbs a portion of the impact experienced by the user.
- Quick assembly with a thimble and a D-ring.

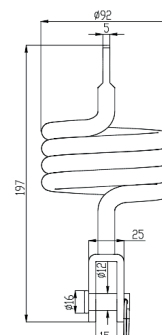
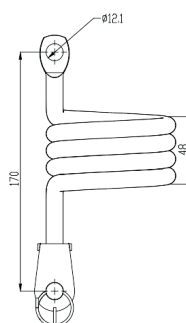


TECHNICAL SPECIFICATIONS

Breaking strength
>1500 daN

Weight : 1.08kg

Stainless steel 316L



APPLICATIONS

- Vertical lifeline



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316-L stainless steel crimping element used to create an end on the vertical lifeline cable

STAINLESS STEEL 316L CRIMPING TOOL



For use with :

VERTICAL LIFELINE

HORIZONTAL LIFELINE

BENEFITS

The SL15-L is the crimp termination for the cable.

Simple and effective.

The crimping must be performed as indicated in the assembly instructions: 5 crimps at intervals of 3 mm and with a crimping pressure of 700 bar.



TECHNICAL SPECIFICATIONS



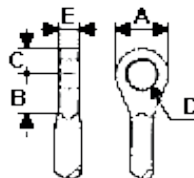
Weight : 0.150kg



Breaking strength
>3520daN



Stainless
steel 316L



A :	27,5 mm
B :	21 mm
C :	13 mm
D :	13 mm
E :	11 mm

APPLICATIONS

Vertical lifeline

Horizontal lifeline



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316-L stainless steel cable with a diameter of 8mm, composed of 7 strands of 19 wires

For use with :

VERTICAL LIFELINE

HORIZONTAL LIFELINE

BENEFITS

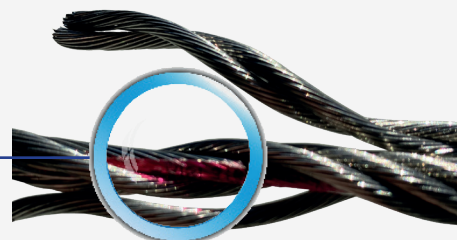
The SL04 is an extra flexible cable made of stainless steel 316 L with a diameter of 8 mm. It consists of 7 strands of 19 wires each. It is the main component of the SecurLine lifeline.



The tensile strength of the extra flexible stainless steel cable is 1,570 N/mm².



The cable features a special ribbon inside, allowing for the formal and unique identification of the cable and thereby justifying its certification by SecurLine. Thus, a SecurLine cable is tamper-proof.



TECHNICAL SPECIFICATIONS



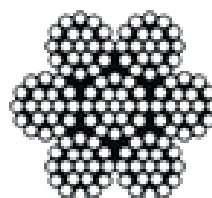
Breaking strength
>3000daN



Weight :
0.25kg/m



Stainless
steel 316L



APPLICATIONS

Montage mur/plafond

Montage sur interfaces sur-mesure



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Intermediate cable guide for
vertical lifeline

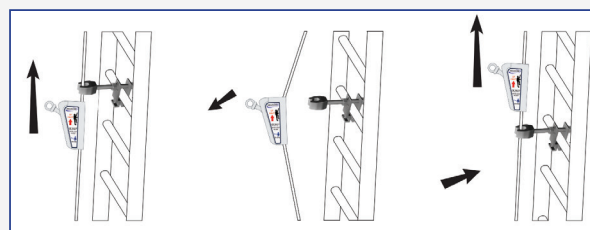
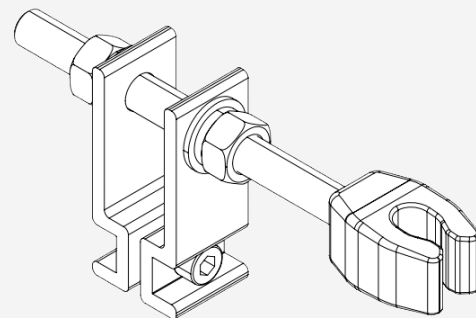
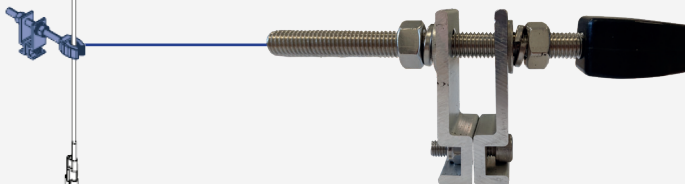
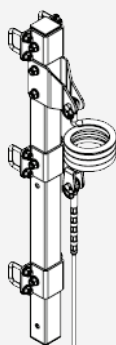
INTERMEDIATE CABLE GUIDE FOR VERTICAL LIFELINE ON LADDER



For use with :
VERTICAL LIFELINE

BENEFITS

- The SLV72 intermediate cable guide keeps the cable along the axis. The user of the system passes through these intermediate parts without having to disconnect the fall arrester from the support.
- SecurLine recommends an SLV72 cable guide every 10m of vertical lifeline.
- The intermediate cable guide is easily passed during the ascent or descent phase of the operator. Adapts to the rungs of the ladder compliant with standards NF EN 85-016 and NF EN ISO 14122-4.



TECHNICAL SPECIFICATIONS



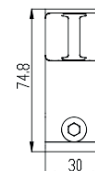
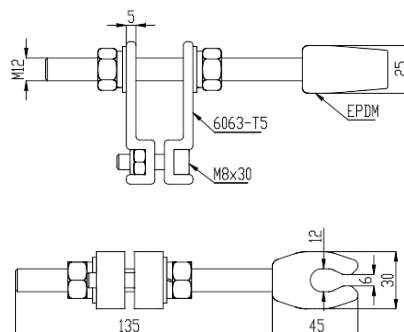
Weight : 0.26kg



Stainless
steel 316L



Aluminum



APPLICATIONS

- Vertical lifeline



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316-L stainless steel termination allowing to lock the cable via a cam

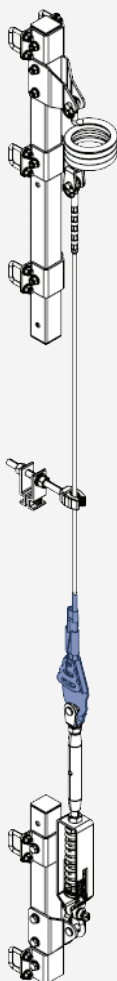


For use with :

VERTICAL LIFELINE
STANDARD LIFELINE
AUTOMATIC LIFELINE
OVER HEAD LIFELINE

BENEFITS

- The SL24-L is a termination system for SecurLine lifelines. It is a manual termination system with a cam and seal. It allows the installation of the lifeline without cable clamps or crimping tools.
- Safe system. Once sealed, the system is tamper-proof.
- The complete system consists of a stainless steel corner box, a double tube, a heat-shrink sleeve, and a lead seal.



TECHNICAL SPECIFICATIONS



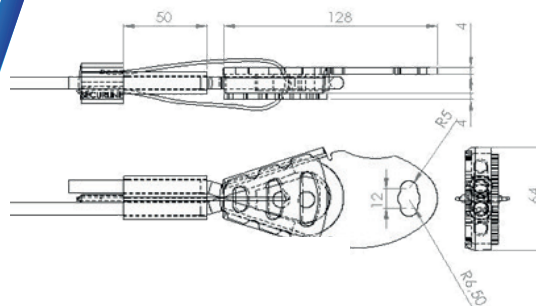
Weight : 0.350kg



Breaking strength
>3800 daN



Stainless
steel 316L



APPLICATIONS



Terminaison de cable
horizontale ou verticale



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Low termination equipped with a cable tensioning system for vertical lifeline

LOW-END TERMINATION TENSIONER FOR VERTICAL LIFELINE

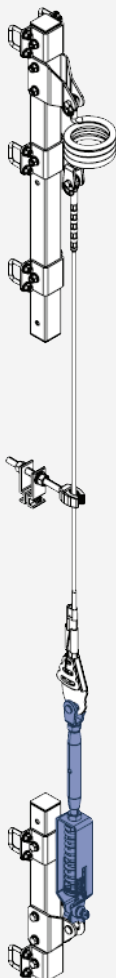
For use with :

VERTICAL LIFELINE

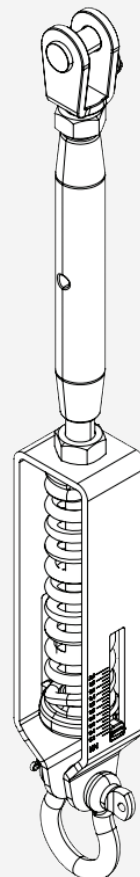


BENEFITS

- The SLV77 low-end tensioner termination is a cable tensioning device for vertical lifelines equipped with a tension gauge.
- Allows maintaining a continuous tension of 2 kN on the cable. The tension gauge also serves as a fall indicator.
- Attaches to the lower position of the vertical lifeline.



The tension gauge allows for instant control.



TECHNICAL SPECIFICATIONS



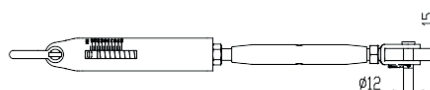
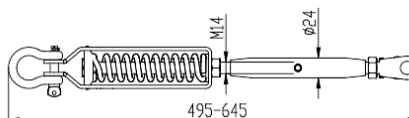
Breaking strength
>1500 daN



Stainless steel 316L



Weight : 1.6kg



APPLICATIONS



Vertical lifeline



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Low anchor for vertical
lifeline

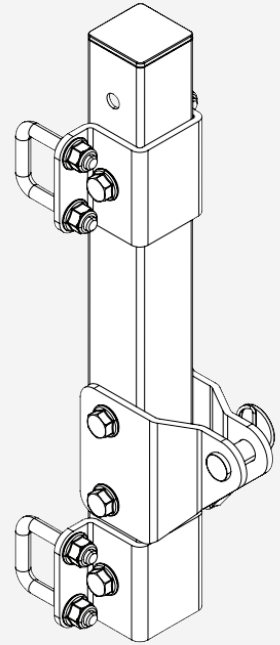
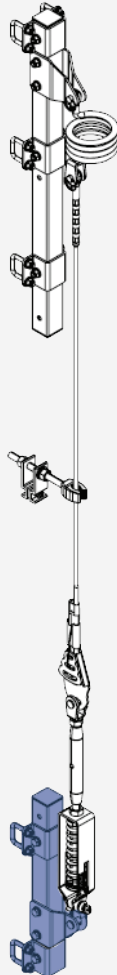


For use with :

VERTICAL LIFELINE

BENEFITS

- The SLV75 is designed to attach the vertical lifeline at the bottom end of the ladder.
- Allows for attaching the SLV77 low-end termination tensioner and the vertical lifeline.
- Easy to use, the SLV75 attaches directly to the ladder. Adapts to the ladder rungs in accordance with NF EN 85-016 and NF EN ISO 14122-4 standards.



TECHNICAL SPECIFICATIONS



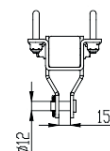
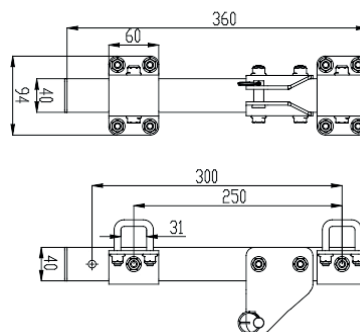
Breaking strength
>1500 daN



Stainless
steel 316L



Weight : 2.25kg



APPLICATIONS

- Vertical lifeline



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