



LOOP-IT SYSTEM



THE LOOP-IT SYSTEM is a wire rope suspension solution that can suspend applications from a variety of different anchor points by using a 'choke knot' as the method of fixing, also referred to as a wrap-around system.

The Loop-It system is highly flexible in use and can be used to create a non-destructive fixing around an available anchor point, such as a steel purlin, or it can be coupled with other items such as eye bolts or brackets to suspend from different base materials.

APPLICATIONS

SUITABLE AREAS OF USE INCLUDE, BUT ARE NOT LIMITED TO:

- Electrical containment
- HVAC and mechanical services
- Lighting and audio
- Signage and display, screens and partitions
- Acoustic ceilings, islands or baffles
- Radiant heat panels

SYSTEM	SUPPLIED LOCKING DEVICE	SWL (KG)
PLEKG	KL50	15
PLEKS	KL100	50
PLEKY	KL150	90
PLEKP	KL200	300
PLEKN	KL600	500

Note: G-system not recommended for HVAC.



FEATURES

- Key-free release suspension for height adjustment.
- High tensile galvanised steel wire rope.
- 18th Edition Amendment 2:2022 compliant.
- Systems can be inverted upside down.
- Removable.
- Requires no tools.

AVAILABILITY

Zip-Clip offer five different Loop-It systems each allocated a letter to differentiate between available safe working loads (SWL).

Each system comprises a predetermined length of a specific diameter wire rope and is supplied with the required Zip-Clip locking device.

Loop-It is available for drop lengths of 1 m to 10 m and safe working loads indicated in the table are per individual wire rope support when coupled with the appropriate Zip-Clip locking device.

AREAS FOR USE

The standard Loop-It range is designed for indoor applications. Regular galvanised systems should not be used in areas that have levels of corrosion or elevated levels of heat or moisture.

For applications that are outside or near areas such as the sea, it is recommended to use stainless steel – Zip-Clip can provide **Loop-It in a stainless steel version**.

For installations that are within corrosive areas and require a stainless steel Loop-It, consult with Zip-Clip Technical Department.

IMPORTANT NOTE:

Installers must make sure that the selected anchor points are suitable to take the intended wire rope suspension load, as well as confirming that the anchor point is strong enough to accept a choke knot.

- Suitable anchor points:
- Cold rolled steel, e.g. purlins.
 - Hot rolled steel, e.g. I-beams, circular hollow steel, hollow box steel.
 - Concrete pillars or beams.
 - Profile channel bracketry.
 - Glulam beams.

Protection can be added to the fixing point to protect the base material from the wire rope and also to protect the wire rope from the base material, e.g. where the wire rope passes over/around edges.



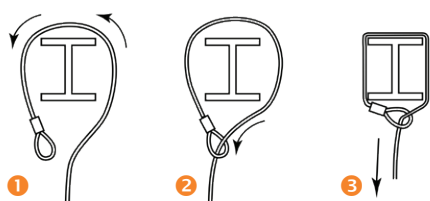
INSTALLATION

- The first step for installation process is to attach the wire rope support around the anchor point.
- The second step in the installation process is to fit the Zip-Clip locking device.

STEP 1:

Use the loop termination to form a choke knot around an appropriate fixing point.

1. Pass the end of the wire rope over the chosen anchor point.
2. Take the loop end termination and pass the end of the wire rope through the loop.
3. Pull the choke knot tight and position so the wire rope passes vertically down through the loop.



STEP 2:

1. Pass the wire rope through the Zip-Clip device in the direction of the arrow.
2. Pass the wire rope through or around your required fixture/application and back through the Zip-Clip leaving 15 cm of wire rope protruding.
3. Confirm engagement of the Zip-Clip on the wire rope by pushing the pin in the **opposite** direction to the arrows indicated.



See Pages 5-7 and 30-31 for further information on the Zip-Clip locking device.

CODE	DESCRIPTION	SWL	PACK QTY
PLEK1G	1 m standard loop suspension system	15 kg	10
PLEK2G	2 m standard loop suspension system	15 kg	10
PLEK3G	3 m standard loop suspension system	15 kg	10
PLEK4G	4 m standard loop suspension system	15 kg	10
PLEK5G	5 m standard loop suspension system	15 kg	10
PLEK10G	10 m standard loop suspension system	15 kg	10
PLEK1S	1 m standard loop suspension system	50 kg	10
PLEK2S	2 m standard loop suspension system	50 kg	10
PLEK3S	3 m standard loop suspension system	50 kg	10
PLEK4S	4 m standard loop suspension system	50 kg	10
PLEK5S	5 m standard loop suspension system	50 kg	10
PLEK10S	10 m standard loop suspension system	50 kg	10
PLEK1Y	1 m standard loop suspension system	90 kg	10
PLEK2Y	2 m standard loop suspension system	90 kg	10
PLEK3Y	3 m standard loop suspension system	90 kg	10
PLEK4Y	4 m standard loop suspension system	90 kg	10
PLEK5Y	5 m standard loop suspension system	90 kg	5
PLEK10Y	10 m standard loop suspension system	90 kg	5
PLEK1P	1 m standard loop suspension system	300 kg	10
PLEK2P	2 m standard loop suspension system	300 kg	10
PLEK3P	3 m standard loop suspension system	300 kg	10
PLEK4P	4 m standard loop suspension system	300 kg	10
PLEK5P	5 m standard loop suspension system	300 kg	5
PLEK10P	10 m standard loop suspension system	300 kg	5
PLEK1N	1 m standard loop suspension system	500 kg	5
PLEK2N	2 m standard loop suspension system	500 kg	5
PLEK3N	3 m standard loop suspension system	500 kg	5
PLEK4N	4 m standard loop suspension system	500 kg	5
PLEK5N	5 m standard loop suspension system	500 kg	5
PLEK10N	10 m standard loop suspension system	500 kg	5

