

HangPro

Versatile Adjustable Wire Hanger

Suitable for hanging a variety of building services with ease, including ductwork, cable basket, lighting and displays.

- **Easy Adjustment** - Even after the full load is applied, the hanger can still be adjusted (if the load is supported), making it even easier and versatile to use
- **Patented Wire Entry Gate** - Guides the wire correctly, minimising the risk of improper installation
- **Traceable** - Each hanger comes with a unique batch number, ensuring quality and easy traceability
- **Safe** - Backed by extensive testing, offering industry-leading performance reassurance



Product Specification

Material

- Housing - Zinc Alloy (ZL2)
- Buttons - Nylon
- Wedge - Sintered Steel
- End Caps - Polypropylene
- Springs - Stainless Steel

Compatibility

- Wire Diameter – 1.5 mm and 2.0 mm
- Wire Nominal Tensile Strength – 1960 MPa
For use only with 7 x 7 construction, Pre-Galvanised Class B Wire Rope, Manufactured to BS EN 12385
- Wire Construction – 7 x 7
- Maximum Inclusive Angle – 60°
- Minimum Tail Wire Length – 100 mm
- Corrosion Classification – C1 indoor and C2 indoor

Performance

Wire Diameter	Safe Working Load
1.5 mm	20 kg
2 mm	55 kg

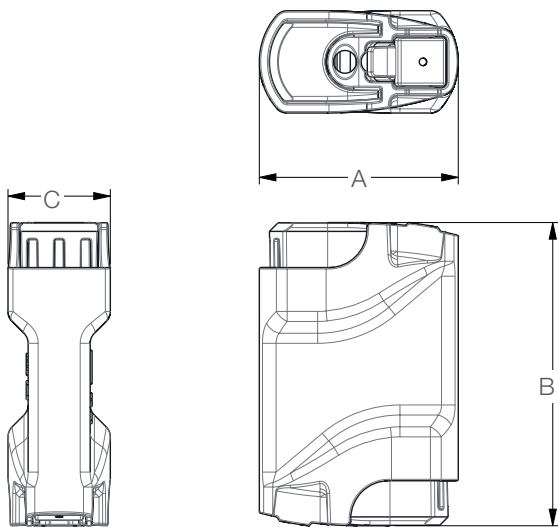
- Safety Factor 5:1
- Operating Temperature Range -
-20°C ~ +70°C / -4°F ~ +158°F

Approvals

- Lloyd's Register - Independently witnessed and verified destructive pull testing.
- APAVE- Independently witnessed and verified destructive pull testing.
- TUV - Testing and product certification required from global organisation TÜV Rheinland.
- ITB - Testing and certification required from the Polish Instytut Techniki Budowlanej.
- Conforms to DW144 for installation of sheet metal ductwork for heating, ventilation, and air conditioning (HVAC) systems.



Design & Dimensions

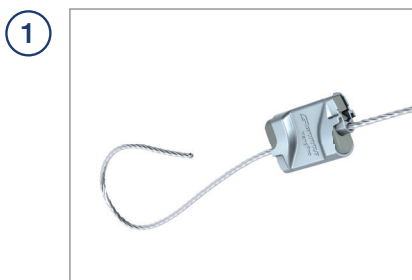


HangPro 1		HangPro 2	
A	16 mm	A	21 mm
B	24.5 mm	B	32 mm
C	10 mm	C	10.8 mm

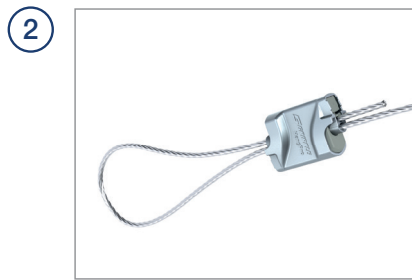
Packaging

- Compatible End Fixings:** A range of standard end fixings, suitable for the load, are available, please refer to End Fixings on the Gripple website.
- Wire Length:** Available in standard wire lengths 1 m - 10 m. Additional lengths are available by the metre.
- Kit Contents:** Standard kits come with 10x HangPro and 10x wire with Factory Fitted End Fixings.

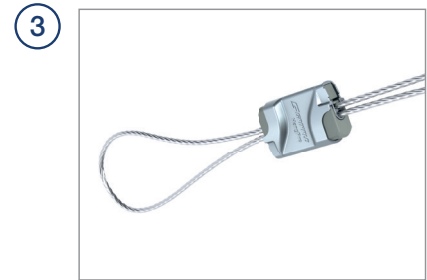
Installation



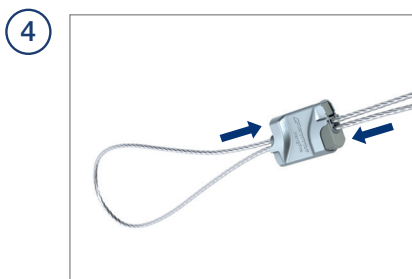
1 Insert the wire rope through insertion channel.



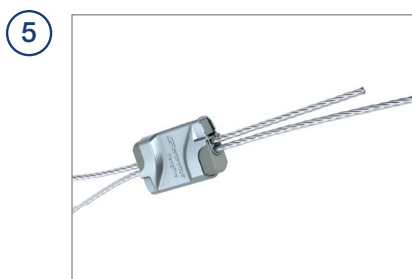
2 Loop wire around the service and feed back through the opposite channel.



3 The loop is now secure.



4 To adjust, support the weight of the load, press one of the buttons to release the wire and make adjustments.



5 Ensure at least 100mm of tail wire exits the hanger.

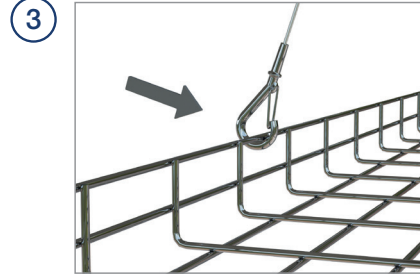
HangPro Y-Fit & Y-Fit Accessory Installation



1 Feed the Y-Fit tail wire through one of the HangPro channels and then loop the tail wire through the ceiling anchor or Y-Fit Accessory loop.



2 Feed the tail back through the HangPro and adjust to correct height. Ensure at least 100mm of tail wire exits the hanger.



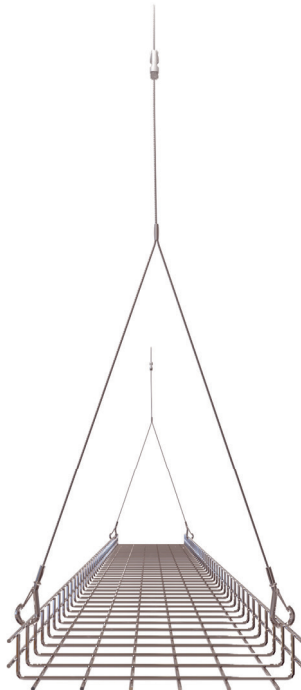
3 Connect the Y-Fit end fixings to the service being suspended, ensuring the legs are at <math><60^\circ</math> angle.

Y-Fit / Y-Fit Accessory	Maximum Load
No. 1	10 kg
No. 2	55 kg

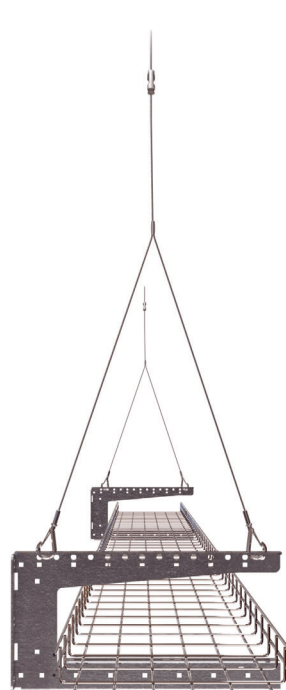
Installation Guidance



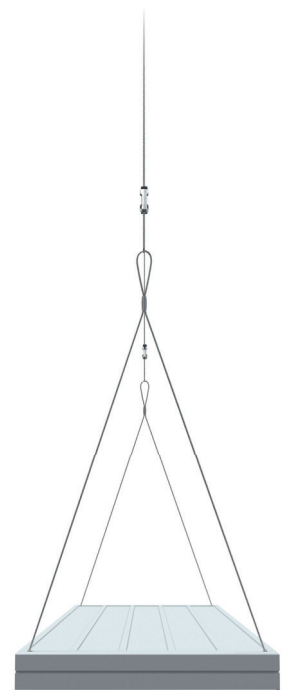
Y-Fit Accessory with Snap Hook on Radiant Panel



Y-Fit with Snap Hook on Cable Tray



Y-Fit Snap Hook on G-Bracket with Cable Basket



Y-Fit Accessory with Toggle on Light Fitting

Key Recommendations

Failure to comply with these recommendations may result in product malfunction and possible damage to property or person and will invalidate the Gripple guarantee. Gripple products are guaranteed to be free from defects in materials and workmanship in accordance with our terms and conditions. No other warranty, whether express or implied, including any warranty of merchantability or fitness for purpose shall exist in connection with the sale or use of any Gripple product.

Full technical information and installation instructions should be obtained directly from Gripple Limited, Gripple Europe, Gripple Inc., Gripple Japan, Gripple Poland, Gripple India, Gripple Germany, any regional Gripple office, or via our website www.gripple.com.



LOADS

Always operate the product within its stated safe working load range. Suspend static loads only. Do not subject to shock loading. Do not adjust under load.



LIFTING

Do not use for lifting, either by crane or as part of a pulley system.



IMPACT

If there is potential for impact on the wire rope suspension or suspended services, seek advice from Gripple Ltd. Technical Services prior to installation.



HANGING AT AN ANGLE TO VERTICAL

Ensure that the load calculation considers the effect of 'side load'. For example, at an angle of 60° to vertical the SWL is effectively reduced by 50%.



DUCTING

When installing included angle teardrop hangers on round/spiral ducting or pipes, the final included angle of the assembly should not exceed 60°.



ENVIRONMENT

Do not use in chlorinated or chemically corrosive atmospheres. Standard hangers are for use in dry and air conditioned environments only. Stainless steel hangers should be considered for high to saturated humid environments after validation by a competent person.



SWIMMING POOLS

Not suitable for swimming pools.



TRACEABILITY

Always use the Gripple hanger with the specified wire rope supplied by Gripple. Gripple products should only be used with products supplied by Gripple Ltd., and the warranty will not apply if our products are used with any products supplied by third parties.



LUBRICATION

Do not apply oil or any other lubricant to the hanger or any other part of the assembly.



WIRE ROPE

Trim any damaged filaments with the wire cutter before use.



INSTALLATION

Do not walk or stand on the Gripple product installation. Gripple products must not be used for personal suspension, fall protection or harnessing people.



PAINTING

Do not paint the hanger prior to installation. Ensure the hanger is in its final position prior to applying any paint to the wire rope assembly. Do not move the fastener after painting.



STORING

Do not store the product outdoors, or in damp or abnormal conditions.



Y-FIT

Legs on Y-Fit not to be installed greater than 60°.



REPAIR, MODIFICATION AND RE-USE

Do not repair, modify or re-use Gripple products. If you have any queries regarding product performance, please contact TechnicalServices@gripple.com



JOINING

Never join two ends together in-line.