Electrical Solutions

Complete suspension systems for a variety of electrical services

- Aesthetically pleasing
- Easy and efficient installation
- Complete off-site solutions
The Gripple® range of supports and hangers for electrical applications has been developed to provide a fast and versatile solution for suspending all types of electrical containment.

Gripple products are designed to save time, labour and reduce costs by making the installation quicker and easier. Supplied in ready-to-use kits, the products in this range are lightweight, require no on-site cutting and reduce the time spent at height, offering enormous health and safety benefits for your project.

Gripple suspension kits provide complete solutions for electrical installations. Products shown are for internal use only. Images shown for illustrative purposes only. Please refer to product installation instructions for full information.
Trapeze

Ideal for fast suspension of brackets or channel for tray, trunking and basket.

- Tapered design - accommodates all slots sizes
- Discreet - fits completely inside the channel
- Pre-fits onto channel to ease working at height
- Aesthetic design
- Available as an accessory for multi-tiered installations
- Sizes available; No.2 45 kg, No.3 90 kg and No.4 225 kg with a 5:1 safety factor
- Also available in black

Trapeze Plus

All steel Trapeze Plus supplied with galvanised wire rope as standard. Packed with new features to make the suspension of building services even more secure and durable.

- Reduced time working at height; pre-install into channel using the washer/nut supplied
- Tool free setting
- Easy-to-use integral release button for adjustment
- Tighten the locking screw for ultimate security
- Channel can be multi-tiered to optimise space

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.
The all-steel Trapeze Plus FR is supplied with stainless steel wire for the suspension of services where fire resistance is required.

- Reduced time working at height: pre-install into channel using the washer/nut supplied
- Fire Rated: BRE Certified up to F120 in accordance with BS476
- Part 20 / DIN4102 Part 2. Certification available with load limits and exposure times
- Tool free setting: Easy-to-use integral adjustment button
- Tighten the locking screw for ultimate security
- Channel can be multi-tiered to optimise space
- Stud, Eyelet, 90° Eyelet end fixings available
- Supplied with Stainless Steel wire
- Sizes available; No.2 45 kg, No.3 90 kg and No.4 225 kg with a 3:1 safety factor

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

The Standard Hanger presents an ideal solution to fulfil a variety of electrical suspension requirements.

- Up to 6 times faster to install than traditional suspension systems
- Versatile
- Simple to use
- Adjustable using key (provided with kits)
- Strong, safe and industry approved
- Load ratings up to 325 kg with a 5:1 safety factor
- Also available in black

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.
Express

The Express No. 2 offers an instant locking system to make adjustment even easier.

- The system incorporates an integral adjustment mechanism for convenience
- Up to 6 times faster to install than traditional methods
- Keyless operation
- Discreet and aesthetic design
- Express No. 2 load rated at 45 kg with a 5:1 safety factor
- Also available in black (see page 18)

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

End Fixings - Page 14
A wide selection of end fixing options to suit your application

Accessories - Page 16
Additional products designed to help with your installation

Installation System Design Service
Submit your drawings and our technical team will provide bespoke product specification based on your project requirements

Sales Enquiries
Call our friendly team on +44 (0) 800 018 4264

Angel

Our latest innovation, designed for architectural lighting suspensions where aesthetics are important.

- Simple one-handed operation for easy adjustment
- Contemporary design to complement the overall suspension
- Extensive range for use with most luminaires
- Suitable for loads up to 15 kg with a 5:1 safety factor, to accommodate a range of suspension requirements
- Supplied in convenient, ready-to-use kits in lengths up to 10 metres as standard
- Uses 1.5 mm wire rope to make the suspension as discreet as possible
- As standard, all kits come complete with the aesthetic ‘Top Hat Barrel’ ceiling fixing with M6 thread. Other ceiling fixings, e.g. Loops, Studs, are available on request

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.
Catenary Kit and C-Clip

Create secure, overhead spans by running high strength wire rope between two fixing points. Ideal for applications where no direct vertical anchor point is available. The Gripple C-Clip, an innovative twist on/off device, allows you to suspend from anywhere along the span.

- Visually discreet and lightweight
- Can be fitted retrospectively
- No tools needed to install
- Available in 3 mm and 6 mm wire rope diameters, for suspensions up to 100 kg per span
- C-Clip allows horizontal and vertical adjustment
- Cams lock solidly in place, even at angles up to 60°

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

Y-Fit and Y-Fit Accessory

Single hanger with dual suspension points, which improves stability and centre of gravity.

- Y-Fit is a one piece suspension, ideal for shorter drop lengths
- Y-Fit Accessory is designed for use with a Standard Hanger or Express Hanger kit, for longer drops and increased adjustment
- Ideal for suspending cable basket and tray without the need for channel
- Available with a range of end fixings, and leg lengths to suit your specification

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.
G-Bracket

Bespoke hanger for cable tray and basket allowing easy loading and unloading of cables.

- For use with Y-fit or Y-fit Accessory with a Snap Hook end fixing
- Cut from heavy gauge steel
- Requires only one hole to be drilled for the entire installation
- Creates a well-balanced and secure hanger
- Can be joined together by stacking, or positioning side by side, and securing with coupling bolts

Available in four sizes

Universal Bracket

Gripple Universal Brackets are perfect for multi-service suspensions or multi-tiered services as a containment bearer

- Pre-Cut - no requirement to cut to length; Gripple Universal Brackets are supplied in ready to use lengths
- Quick and easy installation - Gripple Universal Brackets can be supplied in kit form with Trapeze hangers and/or QT Universal Clamps
- Secure - robust design facilitates most applications and tray/basket can be fixed to the bracket with ease
- Versatile - can be suspended using Trapeze hangers or threaded rod
- Saves labour - eliminates the need for cutting channel/strut on site, allowing more productive use of labour
- Improves health and safety - no tools or “hot works” permit required for installation
End Fixings

All Gripple hanger kits are supplied with pre-crimped end fixings and your choice of wire rope length, suitable for installation into any substrate.

Loop
- Ideal for looping around purlins, beams, roof trusses and other suitable building features
- Available up to 325 kg SWL, with a 5:1 safety factor
- Available in Stainless Steel

25 mm Wedge
- Ideal for fixing into the re-entrant channel of several composite floor decking (R51, CF51, Holorib, MD50 and MF55)
- Available up to 90 kg SWL, with a 3:1 safety factor
- Comes as a ready-to-use kit with wire and hanger

Snap Hook
- Quick and easy attachment to cable basket, purlin clips, light fittings
- Available in Gripple sizes No.2 and No.3 up to 90 kg SWL, with a 5:1 safety factor

Stud
- Ideal for anchoring into concrete ceilings and Channel Nuts
- Supplied with a Drop-in Anchor
- Available up to 225 kg SWL, with a 5:1 safety factor
- Available in Stainless Steel

90° Eyelet
- Ideal for fixing into concrete, steel or wood using gas or powder activated tools or appropriate screws
- Available in Gripple sizes No.1, No.2 and No.3 up to 90 kg rated at 5:1 SWL

Channel Nut
- Designed for fixing directly into Channel
- Available in Gripple sizes No.2 and No.3
- Comes as a ready-to-use kit with wire and Hanger
Accessories

A variety of accessories are available increasing versatility and ease of installation.

**Cable Basket Adapter**
- Designed for use with the Trapeze No.2 to suspend cable baskets up to 6 mm wire diameter. Ideal for quick and easy installation of multi-tiered cable baskets.
- Product code: T22-ADP-CB6

**GF Bracket**
- Ideal for clamping onto an I-Beam when it is not possible to loop around with catenary wire, or when the height of the beam is too great.
- Product code: I-beam 6/13 mm: GF12-EYENUT
  - I-beam 8/16 mm: GF16-EYENUT-12
  - I-beam 10/19 mm: GF20-EYENUT-12

**Beam & Purlin Clips**
- Available in a variety of sizes and models for attachment to beams and purlins. Contact us for sizing and product code options.
- Product code: CLIP-SPG-68

**Spring Clip**
- The Spring clip is ideal for fixing to suspended services with 6 mm to 8 mm holes.
- Product code: CLIP-SPG-68

**Wire Cutters**
- Purpose made for 4 mm wire. For use when terminating wire lengths.
- Product code: CUTTER-GRIPPLE

**Tensioning Tool**
- For use with 6 mm Catenary Kits. Tensions wire easily (up to 100 kg).
- Product code: CTN-6MM-TOOL

**Thru-In-1®**
- Patented SDS+ drill bit and sleeve technology that simplifies the passing of cable or piping through cavity walls. Available in 22 mm and 28 mm starter packs.
- Product code: TII-22-STARTER
  - TII-28-STARTER

**Spring Clip**
- Aesthetic finish keeps tail wires neat and tidy.
- For use with 2 mm / 3 mm wire.
- Product code: TWIST-10BB

**Twister**
- Aesthetic finish keeps tail wires neat and tidy.
- For use with 2 mm / 3 mm wire.
- Product code: TWIST-10BB

**Cable Basket**
- Adapter designed for use with the Trapeze No.2 to suspend cable baskets up to 6 mm wire diameter. Ideal for quick and easy installation of multi-tiered cable baskets.

**Product Codes**

Standard product codes for Gripple hangers:

**1. CHOOSE YOUR PRODUCT**

- Standard Hanger
  - HF1,2,3,4,5
- Express No.1
  - XP1
- Express No.2
  - XP2
- Trapeze No.2
  - T22
  - TZ2
  - TZ4
- Trapeze Plus
  - MTZ2
  - MTZ3
  - MTZ4
- Trapeze Plus FR
  - MTZ3SS
- Duct Trapeze
  - DT2
- Butterfly Trapeze
  - BT2

**2. CHOOSE YOUR END FIXING**

- Loop
  - LG
- 25 mm Wedge
  - DWG258G
- Snap Hook
  - HG
- Stud M8 x 45 mm
  - S8G*
- Fire Rated Eyelet
  - EY906G*
- Channel Nut
  - CN8G
- C-Clip 3 mm
  - CC3
- C-Clip 6 mm
  - CC6

* Stud available in M6, M8 or M10. Barrel available in M6 or M8. Please substitute the (*) for the size required when ordering, e.g. - S6G for an M6 Stud. Fire Rated End Fixings are only available with the Trapeze Plus FR.

**3. CHOOSE YOUR WIRE LENGTH**

- 1M
- 2M
- 3M
- 4M
- 5M
- 10M

Enter your unique product code (e.g. XP2-LG-4M):

- [ ] PRODUCT
- [ ] END FIXING
- [ ] WIRE LENGTH

For more available End Fixings and further product information please call 0800 0184 264 or visit our website www.gripple.com for further details.
Black Line

Gripple’s ready-to-use suspension kits now come with the option of a black finish to further enhance the aesthetic appeal of the range.

The slim and unobtrusive aesthetics of Gripple’s wire suspension system have always proved perfectly suited to the design of many modern buildings where building services in the roof space are left exposed and visible.

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 or Gripple Inc., any regional Gripple office, or via the website www.gripple.com.

Please adhere to the following key recommendations:

- **Loads**
  - Always operate the product within its stated safe working load range.

- **Lifting**
  - Do not use for lifting, either by crane or as part of a pulley system.
  - Suspend static loads only.

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

- **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. Not suitable for swimming pools.

- **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.

- **Wire Rope**
  - Always use the fastener supplied and specified wire rope. Never use on coated wire rope or other rope.
  - Trim any damaged filaments with the wire cutter before use.

- **Joining**
  - Never join two ends together in-line.

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

Quality & Approval


Gripple’s policy is one of continuous development and innovation. We therefore reserve the right to alter specifications, etc. without notice.