



GP[®] DUCTSEAL HG + GREY STUFF

GP[®] DuctSeal HG (Water & Gas) is a NEW duct sealing system that is extremely flexible in its ability to seal large, heavy cables & pipes in ducted networks to protect and stop the ingress of harmful or flammable gases, liquids, smoke and vermin.

GP[®] DuctSeal HG comes complete with our PATENT PENDING unique tubular rubber backing system that can be joined together in a long continuous strip, joined to make a ring/collar, but best of all, joined in a cross shape to create a perfect shape for separating trefoil/triplex cables. This unique design endures DSEAR compliance but also aids the installer as it's simple & quick to create the support & separation on large cables or pipes. The PATENT PENDING ULTIMATE backing system, which is one of a kind, is combined with our NEW Fybird flexible intumescent, zero halogen, & zero Meko adhesive and sealing compound, Grey Stuff. All are designed and manufactured in the UK.

GP[®] DuctSeal HG, along with Grey Stuff, is a non-hazardous, superior single component, neutral curing sealant that has been specifically developed to cope with the harsh environments around duct openings to ensure ducted networks and penetrations are protected.

TITANTECH[®]

For developers of brownfield and contaminated sites the TITANTECH[®] family of products represent a major step forward in safeguarding projects against gaseous and chemical contamination.

Sizes 50mm to 250 mm (off the shelf)

Complies with DSEAR duct sealing regulations

WIMES compliant

Complies with 2011 NEC Articles 225.27, 230.8, 300.5(G), 300.7 (A) on Raceway Seals, and 501.15 (B)(2)

Petrol station forecourt accepted, as per the technology described in the APEA Blue

ATEX Compliant - contains no moving parts or any form of material that can create a spark

Flame Retardant - tested to UL94

Named Accessory in Certification



Please Scan



Rev 2024



Part No.	Product	Duct Opening Max	Unit Sold
Using 1 x GP[®] DuctSeal HG Kit up to 100mm			
DSHG100	GP [®] DuctSeal HG	100mm	1 x DSHG 100 Kit
Using 2 x GP[®] DuctSeal HG Kit up to 150mm			
DSHG150	GP [®] DuctSeal HG	150mm	2 x DSHG 100 Kits
Using 3 x GP[®] DuctSeal HG Kit up to 200mm			
DSHG200	GP [®] DuctSeal HG	200mm	3 x DSHG 100 Kits
Using 4 x GP[®] DuctSeal HG Kit up to 225mm			
DSHG225	GP [®] DuctSeal HG	225mm	4 x DSHG 100 Kits
Using 5 x GP[®] DuctSeal HG Kit up to 250mm			
DSHG250	GP [®] DuctSeal HG	250mm	5 x DSHG 100 Kits

JUTA UK

Please contact JUTA UK Directly for more information on GP[®] DuctSeal HG

Benefits

- Water & Gas tight to 2.0 bar
- Non-slumping
- High bonding strength
- Odourless when curing
- Flexible
- Intumescent
- UV & Ozone resistant
- Non-hazardous
- Zero halogens used
- Emits 0% MEKO
- Very strong porous sticky char is formed when exposed to fire, which has excellent thermal insulation properties
- Microbial resistance - coverage against Fungi, E-Coli, Escherichia coli, Staphylococcus aureus, & A. brasiliensis
- Resistant to Hydrocarbons (Petrol, Diesel, ASTM oil, & LPG Gas)
- Resistant to many other gases & liquids, for example, ADBLUE, & Antifreeze
- Complies with DSEAR duct sealing regulations
- WIMES compliant
- Complies with 2011 NEC Articles 225.27, 230.8, 300.5(G), 300.7 (A) on Raceway Seals, and 501.15 (B)(2)
- Petrol station forecourt accepted, as per the technology described in the APEA Blue
- ATEX Complaint - contains no moving parts or any form of material that can create a spark
Flame Retardant - Tested to UL94



Feature	Characteristics
Density	1.27
Colour	Anthracite Grey
Skin Over Time	10 mins
Curing	3-4mm per day
Tack Free Time	22 mins
Hardness	35 to 38 Shore A
Elongation	250%
Flow	3.33 million cPS at 380°C

Feature	Characteristics
Tensile Strength	0.72 N/mm ²
Density	+5 to 40°C
Temperature Resistance	-35 to +120°C
Intumescence Activation Temperature	210°C
Pressure Resistance	2.0 Bar
Shelf Life	12 months

JUTA UK

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One Kit per Box

All components included to seal 1 x duct as per the kit size mentioned (Caulking gun not included, but can be sold separately). **** One kit may fill more than one duct, depending on cable % fill. Call 01772 754177 for advice****

Cable Separation

It's imperative to ensure separation between each cable and from the inside of the duct. Our unique daisy-chained circular tubes easily separates and supports single or multiple cables.

Using our patent pending tubular rubber tubes, various shapes can be made to help with cable separation, for example, trefoil/triplex cables.

Running Water

The duct & cables should be dry for best results with no running water. All dirt, oil or grease must be cleaned before applying Grey Stuff. **If you have running water, please contact JUTA for advice on 01772 754177.**

Cure Time

Grey Stuff will cure 3-4mm daily, depending on the humidity and temperature. The higher the humidity%, and temperature, the quicker grey Stuff will cure. A minimum requirement of 20mm Grey Stuff is required for an effective seal.

Cleaning

Uncured material spillages can be cleaned with a solvent-based wipe.

Health & Safety

Grey Stuff is based on a neutral curing system that is hazardous-free to protect users when carrying out tasks like sealing cable ducts. Non-hazardous Zero MEKO.



JUTA UK

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UK Directly for more
information on
GP® DuctSeal HG

Re-entry & Removal

Grey Stuff will cure to a similar hardness of a rubber eraser, so re-entry and removal are achievable. The ease of this depends on the type of tools used. For example, a sharper tool will be easier than a blunt-ended tool. Only use sharp tools when cables are de-energised. JUTA accepts no responsibility for damaged cables.

Cable Suitability

Grey Stuff is a single-component neutral curing system containing no solvents. Our Formulation does not damage the properties of a cable sheath or stain surfaces.

Storage

Grey Stuff should be kept in a cool, dry environment and away from sunlight. Product shelf life is 12 months. Once opened, any remaining product can still be used for 1 month afterwards, provided the screwcap is securely fitted.