ACCABLE SOLUTIONS

[DUCTSEAL LG] + GREY STUFF

Duct Sizes – 50mm to 200mm (off the shelf)

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

DuctSeal LG comes complete with our unique daisy chained circular foam tubes that easily wraps and separates cables to ensure limited movement while applying our NEW flexible intumescent, zero halogen, & zero Meko adhesive and sealing compound, GreyStuff. All designed and manufactured in the UK.

DuctSeal LG, along with GreyStuff, 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.



FEATURES & STANDARDS

MADE IN UK

- Water & Gas tight to 1.0 bar
- Non-slumping
- High bonding strength
- Odourless when curing
- Flexible
- Intumescent
- 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
- UV & Ozone resistant
- Non-hazardous
- Zero halogens used
- Emits 0% MEKO
- Resistant to Hydrocarbons (Petrol, Diesel, ASTM oil, & LPG Gas)
- Resistant to Methane, Hydrogen Sulphide, & Chlorine gas – Independently tested.
- Resistant to many other gases & liquids, for example, ADBLUE, & Antifreeze
- Complies with DSEAR duct sealing regulations
- WIMES compliant, as described in the WIMES Specification in section, 3.02 2013 clause 6.4.3.2d)
- 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

ORDER DETAILS

Part No.	Product	Duct Opening Max	Max Single Cable Ø	Unit Sold
Using 1 x DuctSeal LG Kit – 50 to 125mm				
DSLG125	DuctSeal LG	125mm	100mm	x1 Kit
Using 2 x DuctSeal LG Kit – 150 to 200mm				
DSLG200	DuctSeal LG	200mm	175mm	x2 Kits



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[DUCTSEAL LG] + GREY STUFF®

INSTALLATION

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 0161 806 1666 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.

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 GreyStuff. If you have running water, please contact AC Cable Solutions for advise on 0161 806 1666.

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

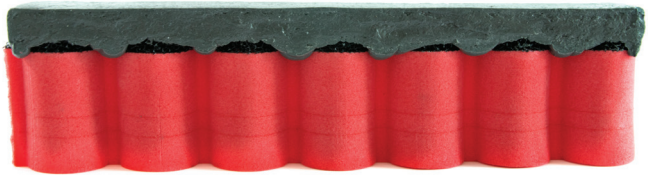
Cleaning
Uncured material spillages can be cleaned with a solvent-based wipe.

Health & Safety
GreyStuff 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.

Re-entry & Removal
GreyStuff 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-energized. AC Cable Solutions accepts no responsibility for damaged cables.

Cable Suitability
GreyStuff 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
GreyStuff 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.



Feature	Measurement
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
Tensile Strength	0.72N/mm^2
Operating Temp.	+5 to 40°C
Temp. Resistance	-35 to +120°C
Intumescence Activation Temp.	210°C
Pressure Resistance	1.0 Bar
Shelf Life	12 months







