

Raised Floor Sealing

New from Cooper B-Line comes this range of floor baffle solutions designed to allow quick, easy and convenient sealing of unwanted open apertures.





Available in a range of sizes and types, the baffles provide simple yet effective method of optimising any data room environment. By sealing any gaps around pipe work or cabling infrastructure the baffles reduce air loss and leakage. This has the effective of increasing the under floor static pressure leading to improved air feed performance. A secondary benefit to the effective sealing of the under floor void it that it eliminates the possibility of the hot air return mixing with the cold air feed which ultimately leads to a lower air feed temperature.



By helping to control these two key factors the data room environment can operate in a far more efficient manner, ultimately leading to lower running costs through improved efficiency.



<p>Features</p>	<ul style="list-style-type: none"> ■ Range of sizes ■ Easily mounted. ■ Can be retro fitted. ■ Fits around irregular shapes.
<p>Benefits</p>	<ul style="list-style-type: none"> ■ Reduced air leakage. ■ Improved data room efficiency. ■ Lower running costs
<p>Specification</p>	<p>Material:</p> <ul style="list-style-type: none"> ○ High impact flame retardant ABS or polycarbonate plastic construction. ○ Quality Nylon 6 brush seal where applicable. ○ RoHS compliant. <p>Finish:</p> <ul style="list-style-type: none"> ○ Black <p>Supplied:</p> <ul style="list-style-type: none"> ○ Individually wrapped and labelled. ○ Complete with applicable fixings

REFERENCE	DIMENSIONS	
GT001	A - 46mm O.D. B - 34mm C - 62mm D - 38mm	
Lid cable mouth - 12mm hole		
GT002	A - 75mm O.D. B - 62mm C - 88mm D - 38mm	
Adjustable cable mouth - 15mm x 50mm		
GT003	A - 102mm O.D. B - 84mm C - 114mm D - 38mm	
Adjustable cable mouth - 15mm x 70mm		
GT004	A - 120mm O.D. B - 104mm C - 136mm D - 38mm	
Adjustable cable mouth - 15mm x 80mm		
GT005	A - 127mm O.D. B - 102mm C - 140mm D - 38mm	
Adjustable cable mouth - 16mm x 80mm		
GTL5	A - 127mm O.D. B - 102mm C - 140mm D - 38mm	
Adjustable cable mouth - 30mm x 80mm		
GTLCS	A - 127mm O.D. B - 110mm C - 140mm D - 50mm	
Adjustable cable mouth - 32mm x 75mm		
NOTE: OPTIONS - Power plate Power and data plate Cable mouth gasket		
GT065	A - 169mm O.D. B - 145mm C - 185mm D - 38mm	
Adjustable cable mouth - 30mm x 125mm		
NOTE: OPTIONS - Clamping arms		
GT085	A - 209mm O.D. B - 190mm C - 133mm D - 45mm	
Adjustable lid - 4 No.28mm Dia. Cable Holes		
NOTE: OPTIONS - Clamping arms		

FEATURES

- Adjustable cable opening
- High strength ABS or polycarbonate plastic construction
- Flame retardant specification
- Stock colours - black and grey
- Custom colouring to Ral reference including metallic finish

- A. Panel cut out diameter
B. Internal aperture
C. Overall diameter
D. Sleeve depth
E. Cable mouth maximum opening



NOTE: Adjustable lids allow the cable opening to be reduced to minimise plenum air loss.

Grommets should not be located in main foot traffic areas or directly under point loads.

Gromtec reserve the right to change designs of product without notification



GTLCS
CLAMPING ARMS
SCREW DOWN
LID (Gasket option shown)



GT085 WITH
CLAMPING ARM
OPTION

Details subject to change without written notification

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versatile multifunctional cable grommet



- High impact flame retardant ABS Plastic or polycarbonate construction.
- Adjustable cable opening 80mm x 32mm.
- Clamping arms, Lid strap & Lid locking screw.
- Standard colours black and mid grey (custom colouring options).
- Neoprene gasket option
- Power and Data socket options in plastic and metal (see page 6)

perimeter floor panel cable grommet



- No trapped cables
- 35mm wide cable opening with adjustable cable mouth.
- High impact flame retardant Polycarbonate.
- Fits in the edge of a floor panel (minimum 100mm from any corner).
- Stock colour - black and grey (custom colouring options)
- Indication of cut out size - 155mm x 127mm

rectangular cable grommet



- Four x 25mm wide cable openings with springs controlled shutters.
- Stock colour black & grey (custom colouring options)
- Snap fit lid.
- High impact flame retardant ABS construction.
- Fits either within or along the edge of a floor panel.
- Accepts power and data plates.
- Overall size 234mm x 110mm x 47mm



Details subject to change without written notification

cable guard

Perimeter cut out cable sleeve

Designed to fit both standard and stringered panel profiles

- 2 sizes to select from
- Fast and easy to install using 3 fixing screws.
- Inner flange can accommodate gasket insert.
- 38mm deep rigid sleeve
- Stock colour - Black.
- Custom colouring available

GT006 - 95mm x 160mm cable guard
GA006 - Neoprene gasket to fit GT006

GT007 - 92mm x 108mm cable guard
GA007 - Neoprene gasket to fit GT007

Other foam gaskets and brushes available on request



perimeter cut out cable protection

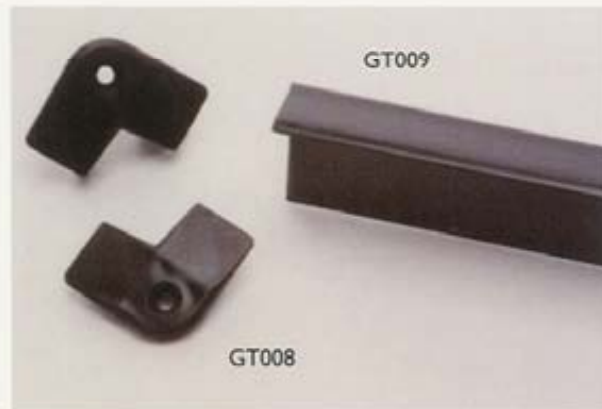
L Trim

GT009 L Trim

- 40mm x 17mm
- Protects any size cut out
- Rigid black PVC trim
- Box quantities 25 lengths x 1.22 linear metre
- Cut to fit 90 degree cut outs

GT008 Corner Piece

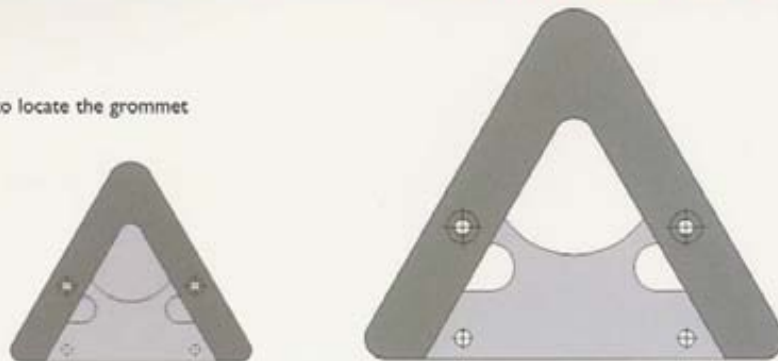
- 90 degree corner profile
- Fits GT009 L trim



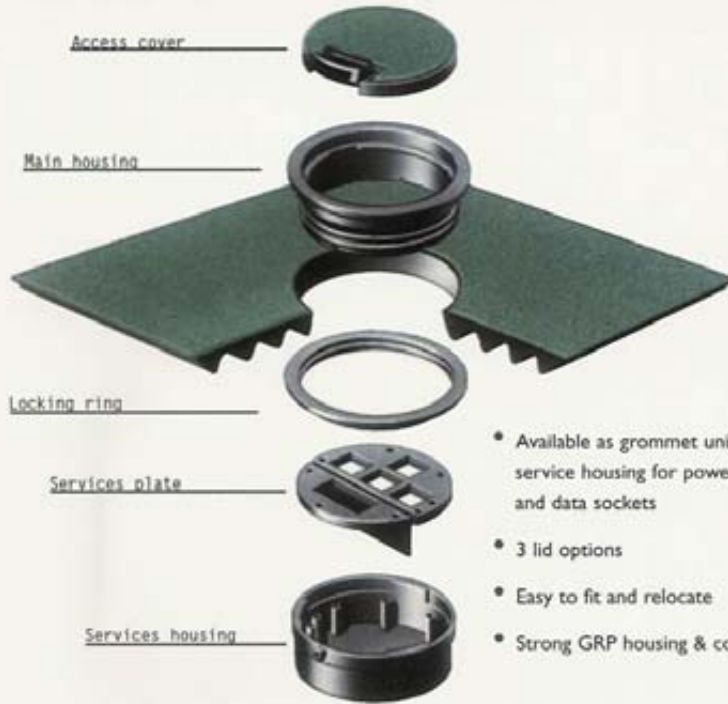
GTV33 perimeter panel cable sleeve

v shaped cable guard

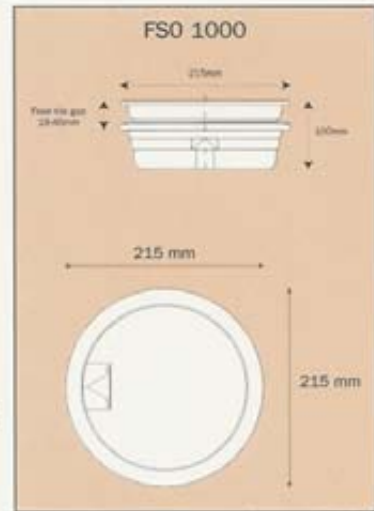
- Just two 75mm panel cuts required to locate the grommet
- No panel trapped cables!
- Removable lid



Details subject to change without written notification



- Available as grommet unit or with service housing for power, telephone and data sockets
- 3 lid options
- Easy to fit and relocate
- Strong GRP housing & cover



Full technical literature available on request.

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AIR-GUARD®

Order Code - GTAG1

The Air-Guard® cable seal provides an easy, economical and effective solution to optimising thermal management of Data Room plenum cooled raised floor systems.

Sealing around cable openings offers the following benefits:

- Reduced air loss and increased under-floor static pressure
- Improved cooling efficiencies and extended cooling equipment life
- Dramatically reduced plant running costs. Over 50% of conditioned air does not get to the air intake of data room equipment due to unsealed openings
- Facilitates Cold / Hot aisle best practice

The GTAG1 Air-Guard® offers tremendous flexibility in Data Centre cable management.

- Overlapping brushes improves cable seal
- Latched removable brush section allows for easy cable release
- The GTAG1 Air-Guard® can be installed at the edge or within the floor panel
- Dimensions – Cut out 265mm x 115mm(centre cut) 135mm (perimeter cut)
- Overall size 328mm x 162mm, Cable Area 230mm x 65mm
- Easy to install
- Manufactured from High Strength Flame Retardant ABS and quality Nylon 6 brush
- Air-Guard® integrates with the Access Floor static dissipative system
- RoHS compliant
- Air-Guard® foot safety cover available – ref GTAG1CVR
- Custom enquiries welcomed

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AIR-GUARD®

Order Code – GTAG3

The Air-Guard® surface mount is designed as a retro fit unit to cover existing floor panel cut outs. The GTAG3 Air-Guard cable seal will cover an opening up to 200mm x 200mm. The Air-Guard cable seal provides an easy, economical and effective solution to optimising thermal management of a data room plenum cooled raised floor system.

Sealing around cable openings offers the following benefits:

- Reduced air loss and increased under-floor static pressure
- Improved cooling efficiencies and extended cooling equipment life
- Dramatically reduced plant running costs. Over 50% of conditioned air does not get to the air intake of data room equipment due to unsealed openings
- Facilitates Cold / Hot aisle best practice
- Seals cable openings to prevent under-floor contamination

Air-Guard® Surface Mount

- Covers any shape up to 200mm x 200mm. Overall size 250mm x 250mm x 25mm
- Overlapping brushes improves cable seal
- Two piece assembly designed to retrofit around existing cables
- Flame retardant heavy duty ABS construction with quality nylon 6 brush
- Installation simple and inexpensive
- Includes mounting hardware and adhesive application option
- Air-Guard® integrates with the Access Floor static dissipative system
- RoHS compliant
- Unit can be used as 2 no. perimeter seals to cover 2 no. 200mm x 100mm opening

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