

KOLDLOK® RAISED FLOOR GROMMET

KEY FEATURES

- Prevents the loss of cold air through cable pass-through holes in access floor tiles.
- Easy installation in new tile cuts or over existing holes.
- Brush closure forms a tight air seal around cables.
- Brush filaments are made of durable Nylon 6 which will not break or deform from repeated use.
- Treated brush filaments block static to keep equipment safe.

APPLICATIONS

- Seal cable pass-through holes in access floor tiles preventing cold air from leaking through the holes.
- Protect cables from damage as they pass through holes in the access floor tiles.

USE WITH

- CPI Cabinet Systems
- CPI Rack Systems
- Raised Floor Zone Enclosures

RELATED ACCESSORIES

- Foam Gasket Kit



Integral Raised Floor Grommet, 2 Styles
For New Installations



Surface-Mount Raised Floor Grommet, 3 Sizes
For Existing Installations

Patent Pending



Extended Brush Raised Floor Grommet, 2 Sizes
For Large Cable Openings



Mini Raised Floor Grommet, 2 Styles
For Existing Installations

Unsealed cable holes in access floor environments allow 50-80 percent of valuable supply air to bypass critical equipment. Bypass airflow contributes to hot spots, cooling unit inefficiencies and increased infrastructure costs. To reduce bypass airflow and improve data center cooling, block unsealed cable holes with KoldLok® Raised Floor Grommets.

KoldLok Raised Floor Grommets provide brush closures that surround cables and prevent cold air from escaping through cable holes in access floor environments. By blocking bypass airflow, KoldLok Raised Floor Grommets significantly impact the cooling effectiveness of the data center because cold supply no longer mixes with hot exhaust air via unsealed cable holes, and can now be utilized for equipment intakes, where it is needed most.

The grommet's brush closures use filaments made of premium grade Nylon 6, not styrene, ABS or polypropylene. Nylon 6 filaments resist wear and hold their shape better than similar materials, allowing cables to pass through the grommet multiple times without concern for filament deterioration. Some grommets offer treated brush filaments to dissipate static buildup on cables which can be created from the high velocity air traveling over cables and under access floors. KoldLok Raised Floor Grommets are an integral part of the raised floor's static dissipation system providing 1 GigaOhm of resistance.

Easy to install, KoldLok Raised Floor Grommets can be positioned in the middle or along the edge of floor tiles, allowing large bundles of cables and large power connectors to effortlessly pass through the opening. The raised edge design helps prevent cabinet and equipment casters from running over the grommets and dropping through floor openings. Four types of KoldLok Raised Floor Grommets are available: Integral Grommets (two styles), Surface-Mount Grommets (three sizes), Extended Brush Grommets (two sizes) and Mini Grommets (two styles).

See reverse for product selection. Contact CPI Technical Support for configuration assistance.

SPECIFICATIONS

- Raised floor grommet with brush closure to block airflow, protect cables and allow easy installation or removal of cables
- Seals the space around the cables with one or two layers of brush closure:
 - Upper layer filaments are .010" (.25 mm) diameter
 - Lower layer filaments are .020" (.51 mm) diameter
 - 1550 interwoven filaments per linear inch

For Extended 6" Brush Grommet only:

 - Upper filaments are .020" (.51 mm) diameter
 - Lower filaments are .036" (.914 mm) diameter
 - 460 filaments per linear inch

For Mini Grommet only:

 - Single layer filaments are .010" (.25 mm) diameter
 - 13,200 filaments per grommet
- Most brush filaments are treated to dissipate static build-up on cables
- Seals up to 100% with no cable penetrations and static pressures up to .10" water (.02 kPa)
- For indoor use only, in environmentally controlled areas, may not be used outdoors or in harsh environments
- Integral Grommet is a flush-mount design with a sleeve that protects cables as they pass through the cut in the floor tile. Use Integral Grommet for new installations (cable access holes). There are two styles:
 - Integral Grommet (one-piece)
 - Split Integral Grommet (two-piece, use along the edge of floor tiles to allow cables to be removed from the tile when access to the sub-floor is required)
- Surface-Mount Grommet is two-piece and covers an existing cable access hole. There are three sizes (large and extra-large sizes include a two-piece steel plate to cover larger holes):
 - Surface-Mount
 - Large Surface-Mount
 - Extra-Large Surface-Mount
- Extended Grommet is three-piece and covers a long, narrow slot like those used along the edges of rooms. There are two sizes:
 - Extended 3" Brush Grommet
 - Extended 6" Brush Grommet
- Mini Grommet is a flush-mount design with a sleeve that protects cables as they pass through the cut in the floor tile. Use Mini Grommet for new installations (cable access holes). There are two styles:
 - Mini Grommet
 - Mini Grommet with untreated brush filaments (no static dissipation)
- Cable fill table: www.chatsworth.com/cablefill
- Material: Housing is polypropylene
Brush holders are aluminum extrusion
Brush filaments are Nylon 6
Mounting brackets/plates are steel
- Finish: Black

ORDERING INFORMATION

KoldLok® Raised Floor Grommet			
Part Number		Description	Shipping Weight lb (kg)
1 Each	10 Each		
13571-001	13571-002	Integral Grommet	18 (8.2)
13671-001	13671-002	Split Integral Grommet	20 (9.1)
13576-001	13576-002	Surface-Mount Grommet	21 (9.5)
13676-001	13676-002	Large Surface-Mount Grommet	43 (19.5)
13677-001	13677-002	Extra-Large Surface-Mount Grommet	43 (19.5)
13674-001	13674-002	Extended 3" Brush Grommet	29 (13.2)
13675-001	13675-002	Extended 6" Brush Grommet	37 (16.8)
13871-001	13871-002	Mini Grommet	5 (2.3)
13872-001	13872-002	Mini Grommet without static dissipation	5 (2.3)

Note: Large and Extra-Large Surface-Mount Grommets include grommets and steel plates which ship in separate boxes. Shipping Weights are for 10 each; P/N (-002).



Split Integral Raised Floor Grommet
For New Installations Along the Edge of Tiles



Large & Extra-Large Surface-Mount Raised Floor Grommet
Includes Steel Plate to Cover Larger Holes

DIMENSIONS

Part Number	Description	Overall Size			Cable Opening		Hole in Floor	
		Width	Height	Depth	Width	Depth	Width	Depth
13571-00X	Integral Grommet	11" (280 mm)	1-5/8" (41 mm)	8-1/4" (210 mm)	8" (200 mm)	5" (130 mm)	9-3/16" (233.363 mm)	6-3/4" (171.5 mm)
13671-00X	Split Integral Grommet	11" (280 mm)	1-5/8" (41 mm)	8-1/4" (210 mm)	8" (200 mm)	5" (130 mm)	9-3/16" (233.363 mm)	6-3/4" (171.5 mm)
13576-00X	Surface-Mount Grommet	11" (280 mm)	1-1/8" (29 mm)	8-1/4" (210 mm)	8" (200 mm)	5" (130 mm)	10" (250 mm)	7-1/4" (184.2 mm)
13676-00X	Large Surface-Mount Grommet	12" (305 mm)	1-15/16" (33 mm)	11-3/4" (298 mm)	8" (200 mm)	5" (130 mm)	10" (250 mm)	9-3/4" (247.7 mm)
13677-00X	Extra-Large Surface-Mount Grommet	12" (305 mm)	1-15/16" (33 mm)	15" (381 mm)	8" (200 mm)	5" (130 mm)	10" (250 mm)	13" (330 mm)
13674-00X	Extended 3" Brush Grommet	24" (610 mm)	1" (25 mm)	4" (102 mm)	22" (560 mm)	2-1/2" (64 mm)	22" (560 mm)	2-1/2" (64 mm)
13675-00X	Extended 6" Brush Grommet	24" (610 mm)	1" (25 mm)	7" (178 mm)	22" (560 mm)	5-1/2" (140 mm)	22" (560 mm)	5-1/2" (140 mm)
13871-00X	Mini Grommet	7.7" (190 mm)	1.5" (38 mm)	5.7" (145 mm)	5.0" (130 mm)	2.5" (64 mm)	6.0" (150 mm)	4.0" (100 mm)
13872-00X	Mini Grommet without static dissipation	7.7" (190 mm)	1.5" (38 mm)	5.7" (145 mm)	5.0" (130 mm)	2.5" (64 mm)	6.0" (150 mm)	4.0" (100 mm)

Note: Large and Extra-Large Surface-Mount Grommets include a Surface-Mount Grommet and a steel plate that covers the larger hole in the floor.

