

# 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.
- Two-layers of brush closure form 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

- FastTrac™ Cable Tray
- Foam Gasket Kit



**Integral Raised Floor Grommet, 2 Styles**  
For New Installations



**Surface-Mount Raised Floor Grommet, 3 Sizes**  
For Active Data Centers



**Extended Brush Raised Floor Grommets, 2 Sizes**  
For Large Cable Openings

Raised floor systems (access floors) are used in many data centers to deliver cold air and cables to equipment cabinets. Unfortunately, cable access holes in the access floor can cause as much as 50% of the cold air under the access floor to bypass equipment. Bypass air is expensive because it is air that is air-conditioned, but is not cooling equipment. Block bypass air to improve cooling in access floor environments while reducing operating costs with KoldLok® Raised Floor Grommet.

The KoldLok Raised Floor Grommet seals cable openings in access floors with a double-layer brush closure that seals around cables to prevent cold air from escaping through the hole in the floor. Blocking airflow through cable pass through holes in the access floor can have significant impact on cooling effectiveness because more cold air flows to equipment, where it is needed most.

The grommet's brush closure uses 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 you to pass cables through the grommets many times without concern for wear and tear. The treated filaments also dissipate static buildup on cables. High velocity air traveling over cables under the access floor can create static. KoldLok is an integral part of the raised floor's static dissipation system providing 1 GigaOhm of resistance.

KoldLok Raised Floor Grommet is easy to install in the middle or along the edge of floor tiles. Grommets allow large bundles of cables and large power connectors to pass through the opening. A raised edge helps prevent cabinet and equipment casters from running over and dropping through floor openings. Three types are available: Integral Grommets (two styles), Surface-Mount Grommets (three sizes) and Extended Brush Grommets (two sizes).

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 two layers of brush closure:
  - Upper layer filaments are .01" diameter
  - Lower layer filaments are .02" diameter
  - 1550 interwoven filaments per linear inch
 For Extended 6" Brush Grommet only:
  - Upper filaments are .020" diameter
  - Lower filaments are .036" diameter
  - 460 filaments per linear inch
- Seals 100% with no cable penetrations and static pressures up to .10" water
- 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
- Material: Housing is polypropylene  
Brush holders are aluminum extrusion  
Brush filaments are Nylon 6  
Mounting brackets/plates are steel
- Finish: Black

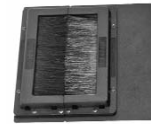
**ORDERING INFORMATION**

KoldLok® Raised Floor Grommets			
Part Number		Description	Shipping Weight*
1 Each	10 Each		
13571-001	13571-002	Integral Grommet	18 lb
13671-001	13671-002	Split Integral Grommet	20 lb
13576-001	13576-002	Surface-Mount Grommet	21 lb
13676-001	13676-002	Large Surface-Mount Grommet	43 lb
13677-001	13677-002	Extra-Large Surface-Mount Grommet	43 lb
13674-001	13674-002	Extended 3" Brush Grommet	29 lb
13675-001	13675-002	Extended 6" Brush Grommet	37 lb

*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 Grommets**  
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	11" (280 mm)	1-5/8" (41 mm)	8-1/4" (210 mm)	8" (200 mm)	4" (100 mm)	9-3/16" (233.363 mm)	6-3/4" (171.5 mm)
13671-00X	Split Integral	11" (280 mm)	1-5/8" (41 mm)	8-1/4" (210 mm)	8" (200 mm)	4" (100 mm)	9-3/16" (233.363 mm)	6-3/4" (171.5 mm)
13576-00X	Surface-Mount	11" (280 mm)	1-1/8" (29 mm)	8-1/4" (210 mm)	8" (200 mm)	4" (100 mm)	10" (250 mm)	7-1/4" (184.2 mm)
13676-00X	Large Surface-Mount	12" (305 mm)	1-15/16" (33 mm)	11-3/4" (298 mm)	8" (200 mm)	4" (100 mm)	10" (250 mm)	9-3/4" (247.7 mm)
13677-00X	Extra-Large Surface-Mount	12" (305 mm)	1-15/16" (33 mm)	15" (381 mm)	8" (200 mm)	4" (100 mm)	10" (250 mm)	13" (330 mm)
13674-00X	Extended 3" Brush	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	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)

*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.*

**CABLE CAPACITIES (50% FILL)**

Part Number	Description	Usable Space		Usable Area	Cable Fill		
		Width	Depth		Cat 5e	Cat 6	Cat 6a
13571-00X	Integral	8" (200 mm)	4" (100 mm)	32 in <sup>2</sup>	315	203	125
13671-00X	Split Integral	8" (200 mm)	4" (100 mm)	32 in <sup>2</sup>	315	203	125
13576-00X	Surface-Mount	8" (200 mm)	4" (100 mm)	32 in <sup>2</sup>	315	203	125
13676-00X	Large Surface-Mount	8" (200 mm)	4" (100 mm)	32 in <sup>2</sup>	315	203	125
13677-00X	Extra-Large Surface-Mount	8" (200 mm)	4" (100 mm)	32 in <sup>2</sup>	315	203	125
13674-00X	Extended, 3" Brush	22" (560 mm)	2-1/2" (64 mm)	55 in <sup>2</sup>	542	349	214
13675-00X	Extended, 6" Brush	22" (560 mm)	5-1/2" (140 mm)	120 in <sup>2</sup>	1194	769	472

*Note: Usable space is the space within the cable opening that can be filled with cables. Cable fills are based on .350" (9 mm) OD Cat 6a, .275" (6 mm) OD Cat 6, and .220" (7 mm) OD Cat 5e. Estimate fill by dividing usable area by cable area and reducing values to 50%.*