KOLDLOK® RAISED FLOOR GROMMET

KEY FEATURES

- Prevents the loss of cold air through cable openings in access floor tiles.

- Easy installation in new tile cuts or over existing holes.

- Forms a tight air seal around cables.

- Durable sealing materials will not break, stretch, tear or deform from repeated use.

- Four types available:
  - Integral Grommets for new installations
  - Surface-Mount Grommets to cover existing holes
  - Extended Brush Grommets to cover large narrow openings
  - Mini or Round Floor Grommets for small openings

APPLICATIONS

- Seal cable openings in access floor tiles to prevent 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
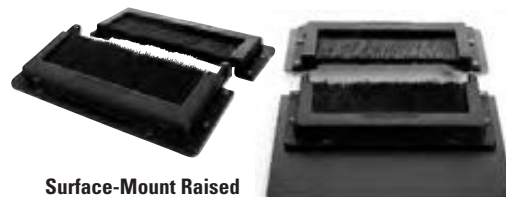- Raised Floor Zone Enclosures

RELATED ACCESSORIES

- HotLok® Snap-In Filler Panels
- AisleLok™ Under Rack Panel
- AisleLok™ Acrycell™ Sealing Tape
- Air Dam Kit
- Saf-T-Grip Cable Management Straps
- Bottom Panel
- Vertical Exhaust Duct System
- Aisle Containment

KoldLok Wave™ Split Integral Grommet and Cover
Seals space around cables with a solid, flexible wave shaped thermoplastic elastomer material.

Integral Raised Floor Grommet*, 2 Styles
For New Installations

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

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

NEW!

Round Grommet, 2 Sizes
For Small Cable Bundles

Unsealed cable openings in access floor environments allow valuable conditioned air to bypass 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.

Two styles of grommets are available: KoldLok Wave™ or the original KoldLok brush grommets. Wave grommets use a solid, flexible patent-pending wave shaped thermoplastic elastomer material to form a tight seal around cables, which blocks 98 percent to 100 percent of air loss. Brush grommets use layers of hybrid plastic brush filaments to form a seal around cables, which blocks 92 percent to 100 percent of air loss. Both sealing materials resist breaking, deformation and wear for repeated use.

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. Additionally, a solid cover, sold separately, is available for the Wave grommet to cover the opening when not in use.

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

CHATSWORTH PRODUCTS

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www.chatsworth.com

SPECIFICATIONS

- Raised floor grommet to block airflow, protect cables and allow easy installation or removal of cables.

- For indoor use only, in environmentally controlled areas, may not be used outdoors or in harsh environments

- KoldLok Wave™ Raised Floor Grommet:
  - Increases sealing effectiveness with a solid, flexible wave shaped thermoplastic elastomer material that is molded over the grommet frame
  - Offers over 45 in^2 (29 000 mm^2) of usable cable area
  - Durable, impact-resistant ABS frame
  - Optional cover for increased safety before rack and cable installation

- KoldLok® Raised Floor Grommets:
  - Seals the space around the cables with one or two layers of brush closure
  For Integral, Surface-Mount and Extended 3" (76 mm) Brush Grommets:
  - Upper layer filaments are .010" (.25 mm) diameter
  - Lower layer filaments are .020" (.51 mm) diameter
  - Approximately 25,000 filaments per grommet; 34,000 on Extended 3" (76 mm) Brush Grommet
  For Extended 6" (152 mm) Brush Grommet only:
  - Upper filaments are .020" (.51 mm) diameter
  - Lower filaments are .036" (.914 mm) diameter
  - Approximately 10,000 filaments per grommet
  For Mini Grommet only:
  - Single layer filaments are .010" (.25 mm) diameter
  - Approximately 13,200 filaments per grommet

- Integral Grommet is a flush-mount design with a sleeve that protects cables as they pass through the cut in the floor tile. 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 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" (76 mm) Brush Grommet
  - Extended 6" (152 mm) Brush Grommet

- Mini Grommet and Round Floor Grommet are smaller, split, flush-mount designs with sleeves that protect cables as they pass through the cut in the floor tile.

- Cable fill table: www.chatsworth.com/cablefill

- Material:
  For KoldLok Wave™ Grommets:
  - Grommet frame is molded ABS plastic
  - Sealing material is thermoplastic elastomer
  For KoldLok® Brush Grommets:
  - Split, Integral, Surface-Mount and Mini Grommet frame is polypropylene
  - Extended Grommet frame is PC/ABS
  - Round Floor Grommet frame is ABS
  - Brush holders are aluminum extrusion
  - Brush filaments are hybrid plastic, plates are steel

- Finish: Black

ORDERING INFORMATION

KoldLok® Raised Floor Grommet

Part Number		Description	Shipping Weight lb (kg)
1 Each	10 Each		
13870-001	13870-002	KoldLok Wave™ Split Integral Grommet	11 (5.0)
13873-001	13873-002	Cover, For KoldLok Wave™ Split Integral Grommet	6 (2.7)
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" (76 mm) Brush Grommet	29 (13.2)
13675-001	13675-002	Extended 6" (152 mm) Brush Grommet	37 (16.8)
13872-001	13872-002	Mini Grommet	5 (2.3)
13874-001	13874-002	4" (102 mm) Round Grommet	5 (2.3)
13875-001	13875-002	6" (152 mm) Round Grommet	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).

KoldLok Wave™ Split Integral Grommet
For New Installations

Round Grommet (13874-001 shown)
For Small Cable Bundles

Mini Grommet
For Small Cable Bundles

Large & Extra-Large Surface-Mount Raised Floor Grommet (13677 shown)
For Existing Installations

DIMENSIONS

Part Number	Description	Overall Size			Cable Opening		Hole in Floor	
		Height	Width	Depth	Width	Depth	Width	Depth
13870-00X	KoldLok Wave™ Split Integral Grommet	1-7/8" (48 mm)	11" (279 mm)	9" (229 mm)	7-3/4" (197 mm)	5-7/8" (149 mm)	9-1/4" (235 mm)	6-3/4" (172 mm)
13571-00X	Integral Grommet	1-5/8" (41 mm)	11" (279 mm)	8-1/4" (210 mm)	8" (203 mm)	4" (102 mm)	9-1/4" (235 mm)	6-3/4" (172 mm)
13671-00X	Split Integral Grommet	1-5/8" (41 mm)	11" (279 mm)	8-1/4" (210 mm)	8" (203 mm)	4" (102 mm)	9-1/4" (235 mm)	6-3/4" (172 mm)
13576-00X	Surface-Mount Grommet	1-1/8" (29 mm)	11" (279 mm)	8-1/4" (210 mm)	8-1/4" (210 mm)	4" (102 mm)	10" (254 mm)	7-1/4" (184 mm)
13676-00X	Large Surface-Mount Grommet	1-15/16" (33 mm)	12" (305 mm)	11-3/4" (298 mm)	8-1/4" (210 mm)	4" (102 mm)	10" (254 mm)	9-3/4" (248 mm)
13677-00X	Extra-Large Surface-Mount Grommet	1-15/16" (33 mm)	12" (305 mm)	15" (381 mm)	8-1/4" (210 mm)	4" (102 mm)	10" (254 mm)	13" (330 mm)
13674-00X	Extended 3" (76 mm) Brush Grommet	1" (25 mm)	24" (610 mm)	4" (102 mm)	22" (559 mm)	2-1/2" (64 mm)	22" (559 mm)	2-1/2" (64 mm)
13675-00X	Extended 6" (152 mm) Brush Grommet	1" (25 mm)	24" (610 mm)	7" (178 mm)	22" (559 mm)	5-1/2" (140 mm)	22" (559 mm)	5-1/2" (140 mm)
13872-00X	Mini Grommet	1-1/2" (38 mm)	7-11/16" (195 mm)	5-11/16" (144 mm)	5" (127 mm)	2-1/2" (64 mm)	6" (152 mm)	4" (102 mm)
13874-00X	4" Round Grommet	1.9" (48 mm)	5.61" dia. (143 mm)	-	3.5" dia. (89 mm)	-	4.0" dia. (102 mm)	-
13875-00X	6" Round Grommet	1.9" (48 mm)	7.56" dia. (192mm)	-	5.3" dia. (135 mm)	-	6.0"dia. (152 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.

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