KoldLok® Mini Raised Floor Grommet

Part Number

10077



Mini Raised Floor Grommet
Part No. 10077

Applications

Designed to seal openings in new raised floor cutouts prior to the installation of communications or power cabling. Based on measurements at multiple data centers, on average 60% of valuable conditioned air is not reaching the air intake of IT equipment due to unsealed floor openings. This lost air, known as bypass airflow, contributes to IT equipment hot spots, cooling unit inefficiencies, and increasing infrastructure costs. KoldLok products specifically address bypass airflow and its detrimental effects on data center cooling.

Features

- Smaller size 6” x 4” (152 x 102 mm) offers flexibility for data centers that have multiple cable opening sizes
- Meets smaller cable opening standards specified in new data center builds
- Cost-effective method of separating data cabling from power cabling
- Contains no loose or partially fastened parts that can become separated or fall through the raised floor
- The grommets are impact resistant and durable
- Satisfies NFPA 75 Section 5-4.4 requirement by self-dressing the raw metal edges of raised floor tile cable openings
- KoldLok products are compliant with Directive 2002/95/EC of the European Parliament and the Council on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Benefits

- Increases existing cooling unit capacity
- Reduces the need to purchase additional cooling units
- Improves equipment reliability and extends equipment life
- Increases static pressure under the raised floor and improves cool air delivery through perforated tiles and floor grates
- Facilitates Cold Aisle/Hot Aisle best practices

Sealing Effectiveness

- Effective bypass-airflow sealing in areas undisturbed by cable penetrations at static pressures up to 0.10 inches of water column
- Effective bypass-airflow sealing with four, half-inch cables penetrating the Grommet at a static pressure of 0.10 inches of water column

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Specifications

Dimensions and Tile Cutting Requirements	Inches (W x D x H)	Millimeters (W x D x H)
Part No. 10077 - Overall size	7 11/16” x 5 11/16” x 1 1/2”	195 x 144 x 38
Product height above the raised floor	1/10”	2.54
Usable cable area	5” x 2 1/2”	127 x 64
Minimum cut required to install Grommet in interior of the tile	6” x 4”	152 x 102

Patented Sealing System

(U.S. Patent No. RE41863 and International Patents Pending) Multi-layer, opposing and interwoven filaments consisting of:

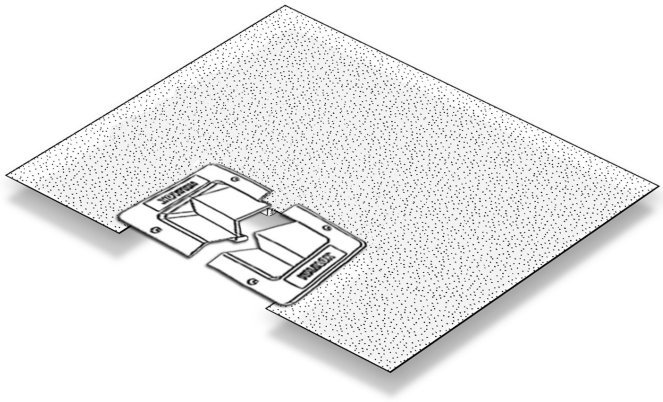
- 0.010 inch diameter
- Approximately 13,200 filaments per Grommet
- Ensure passage of 30-amp power connectors

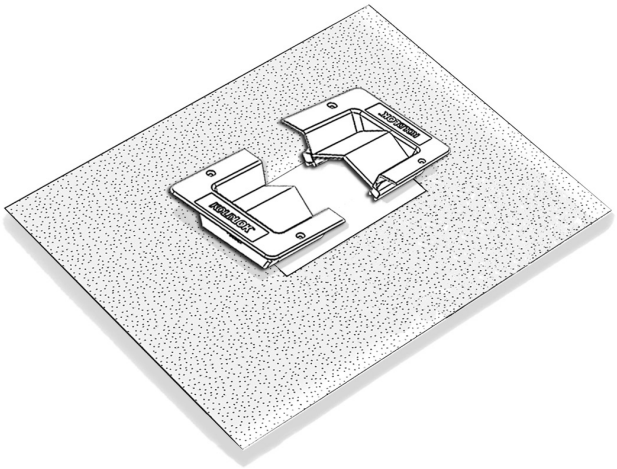
Floor Mounting System

Four (4) self-drilling screws are provided for installation

Grommet Frame

The Mini Raised Floor Grommet frame also consists of two, interlocking polypropylene halves.
Finish: Black





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