INTEGRAL GROMMETS: 1010 & 3030



Integral



Split Integral

KoldLok® Integral Raised Floor Grommets are 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.

Part No.	Overall Size	Min. cut required (interior or length)	Usable cable area	Product height above raised floor
GLKL1010CP	11" x 8.25" x 1.625"	9.25" x 6.75"	8" x 4"	.125"
GLKL3030CP	11" x 8.25" x 1.625"	9.25" x 6.75"	8" - 4"	.125"

Each product comes in a case pack of 10

FEATURES

- The Split Integral Grommets allow tiles to be moved without capturing cables
- The Grommets contain no loose or partially fastened parts, which can become separated or fall through the raised floor
- The Grommets are impact resistant and durable
- The Grommets satisfy NFPA 75 Section 5-4.4 requirement by self-dressing the raw metal edges of raised floor tile cable cutouts
- 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)

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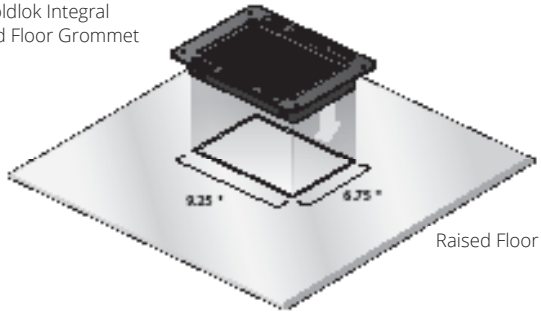
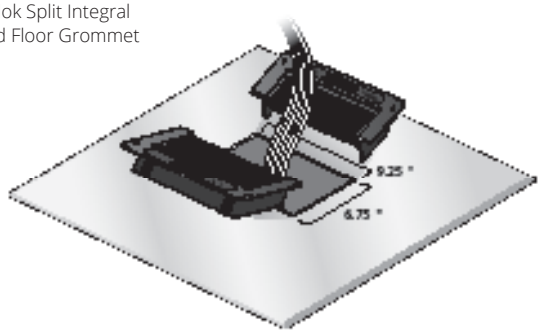
Koldlok Integral
Raised Floor Grommet



Raised Floor Tile

Koldlok Split Integral
Raised Floor Grommet



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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

APPLICATIONS

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 hotspots, cooling unit inefficiencies, and increasing infrastructure costs. KoldLok products specifically address bypass airflow and its detrimental effects on data center cooling.

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 ½ inch cables penetrating the Grommet at static pressure required to cool up to 3 kW/cabinet
- Effective bypass airflow sealing with four ½ inch cables penetrating the Grommet at a static pressure of 0.50 inches of water column

OTHER MATERIALS

- Metal Extrusion filament holder: anodized aluminum alloy, black finish
- End Caps: PC/ABS, black (Provided with 24" versions only)

FLOOR MOUNTING SYSTEM

24" Grommets come standard with two (2) end caps, double-sided, non-particulating adhesive mounting kit and five (5) self-tapping screws per grommet. 60" Grommets DO NOT come standard with end caps, adhesive mounting kit or self-tapping screws. Optional mounting tape or screws are available for custom installations. Minimum order may apply. Please call for details.

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