

Raised Floor Grommet

Offers the best sealing against bypass airflow, unsurpassed by any brush grommet on the market.

KoldLok® Wave®
PN # 20100



Applications

Designed to seal openings in raised floor cutouts prior to the installation of communications, power, or other cabling.

In a study done by Upsite Technologies on 19 computer rooms totaling over 204,400 ft², it was found that 60% of valuable cooled air is not reaching the air intakes of IT equipment.

The KoldLok Wave was developed to provide the best seal against this wasted bypass airflow.

Benefits

- ✓ Increases cooling unit effectiveness
- ✓ Allows for greater IT density in data centers
- ✓ Improves static pressure under the raised floor
- ✓ Improves cool air delivery through perforated tiles and grates
- ✓ Decreases humidity control expense
- ✓ Meets a prerequisite for hot aisle/cold aisle best practices and containment strategies
- ✓ Reduces the need to buy additional cooling units



Wave Grommet Cover
PN # 20101

Features

- ✓ Sealing Effectiveness - New, wave shaped thermoplastic elastomer offers the best sealing against bypass airflow, unsurpassed by any brush grommet on the market
- ✓ Usable Cable Area - Over 45.5 sq inches of usable cable area, over two and a half times that of a leading brush competitor
- ✓ Maintenance Free - Wave shaped material seals around cables with no additional maintenance or monitoring required
- ✓ Configuration - Split design allows edge-cut tiles to be removed without capturing cables
- ✓ Longevity - Durable, impact-resistant ABS frame

Safety Features

- ✓ The thermoplastic elastomer material is rated UL94 HB
- ✓ An optional safety cover is available to ensure greater safety before rack and cable installation

Raised Floor Grommet



designed and
manufactured by
upsite
technologies®

Specifications

Dimensions and Tile Cutting Requirements		
KoldLok® Wave® (PN # 20100)	Inches (W x D)	Millimeters (W x D)
Overall size (diameter x height)	11" x 9" x 1 7/8"	279 x 229 x 48 mm
Product height above floor	3/8"	10 mm
Usable cable area	7" x 5 7/8"	197 x 149 mm
Minimum cut required to install Grommet in interior of the tile	9 1/4" x 6 3/4"	235 x 172 mm

Patented Pending Sealing System

Utility and design patents registered and pending for both the U.S. and worldwide. The KoldLok Wave™ design uses thermoplastic elastomer to wrap around penetrants, creating a more effective seal.

Thermoplastic Elastomer (TPE)

- ✓ TPE material is overmolded to frame to create a flexible sealing membrane
- ✓ Tear Strength 100lbf/in (ASTM D624)
- ✓ Color: Black

Floor Mounting System

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

Grommet Frame

The frame is molded from durable ABS
Finish: Black

