



Split Integral Raised Floor Grommet



Item No. 20100

Applications

Designed to seal openings in new or existing 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 intake of IT equipment. The KoldLok Wave was developed to provide the best seal against this wasted bypass airflow.

Benefits

- Increases cooling unit capacity by sealing against bypass airflow
- Allows for greater IT density in data centers
- Increases static pressure under the raised floor
- Improves cool air delivery through perforated tiles and floor grates
- Facilitates hot aisle/cold aisle best practices
- Reduces the need to purchase additional cooling units

Features

Sealing Effectiveness - New, patent-pending wave-formed thermoplastic elastomer offers the best sealing against bypass airflow, unsurpassed by any brush grommet on the market

Usable Cable Area - Offers more than two and a half times more usable cable area than a leading brush competitor

Maintenance Free - Wave-formed material seals and re-seals around cables with no additional maintenance or monitoring required

Configuration - Split design allows tiles to be removed without capturing cables

Designed for Safety - Thermoplastic elastomer material is flame rated HB UL94, and an optional safety cover is available

Longevity - Durable, impact-resistant ABS frame

designed and
manufactured by
upsite
technologies®



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Specifications

Dimensions & Tile Cutting Requirements	Inches (W x D x H)	Millimeters (W x D x H)
Overall Size	11 x 8 7/8 x 1 7/8	279 x 226 x 48
Product height above floor	3/8	10
Product height above floor (with cover)	1	25
Usable cable area	7 3/4 x 5 7/8	197 x 149
Cut Required - interior of the tile	9 1/4 x 6 3/4	235 x 172
Cut Required - long side on tile edge	9 1/4 x 7 7/8	235 x 191
Cut Required - short side on tile edge	10 1/8 x 6 3/4	257 x 172

Patented Sealing System

U.S. Patent and International patents pending Wave design using thermoplastic elastomer wraps around penetrants, creating a more effective seal.

Sealing Effectiveness

Patented design effectively seals bypass airflow with more effective method than using brushes or filament materials. Simply the best sealing grommet available.

Safety Features

- The thermoplastic elastomer material is Flame rated HB UL94
- A safety cover is available

Grommet Frame

The frame is molded from durable ABS
Finish: Black

Thermoplastic Elastomer (TPE)

- TPE material is overmolded to frame to create a flexible sealing membrane
- Tensile Stress (300% Strain, 73F) - 290 psi (ASTM D412)
- Tear Strength 100 lbf/in (ASTM D624)
- Color: black

Floor Mounting System

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

Product Drawings

