

KOLDLOK® Technical Specifications: Specifications: KoldLok Round 4"



Item No.40001
KoldLok Round 4"



Applications

Designed to seal openings in new and existing raised floor cutouts to block bypass airflow and maximize cooling system efficiency.

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
- Improves volume of condition air delivery through perforated tiles and floor grates
- Compliance with best practices for all raised floor cooling delivery methods

Features

KoldLok® Round is the premium choice for your facility. Its revolutionary sealing technology greatly reduces costly bypass airflow, increasing useable cooling unit capacity, and ensuring maximized efficiency from HVAC equipment.

- The Split feature of the KoldLok Round 4" allows product installation or removal without disturbing 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 selfdressing 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 Electric Equipment (RoHS).

Superior Sealing: New, patented Hybrid Brush technology offers exceptional sealing and airflow management, unsurpassed by any brush product on the market today.

Maintenance Free: Hybrid Brush Sealing technology automatically seals around cables with no additional maintenance or monitoring required.

Easy Installation: Simple, installation saves time and labor and requires no downtime. Round grommets enable hole saw installation which reduces cutting time by over 50%

Longevity: Durable ABS frame and Hybrid Brush sealing surface can be used for years.

Size

Dimensions and Tile Cutting Requirements	Inches (Diameter x Height)	Millimeters (Diameter x Height)
Overall Size	5.45 x 1.83	138.43 x 46.5
Product height above floor	.33	8.4
Useable cable area	11 inches ²	279.4
Cut Required Circular	4"	101.6

Patented Sealing System

U.S. Patent and International patents pending Hybrid Brush (HBT) design using thermoplastic elastomer wraps around penetrantes, creating a more effective seal than any other grommet. This particular thermoplastic elastomer is used in clothing and upholstery, electrical cable insulation, inflatable products and many other applications in which it would originally have replaced rubber.

Sealing Effectiveness

Patented design effectively seals bypass airflow with more effective method than using brushes or filament materials. The best sealing round grommet available. Test data listed below.

Safety Features

The TPE Material is Flame rated HB UL94.
A safety cover is available.

Grommet Frame

- The frame is molded from durable ABS
- Finish: Black

Hybrid Brush Technology (HBT)

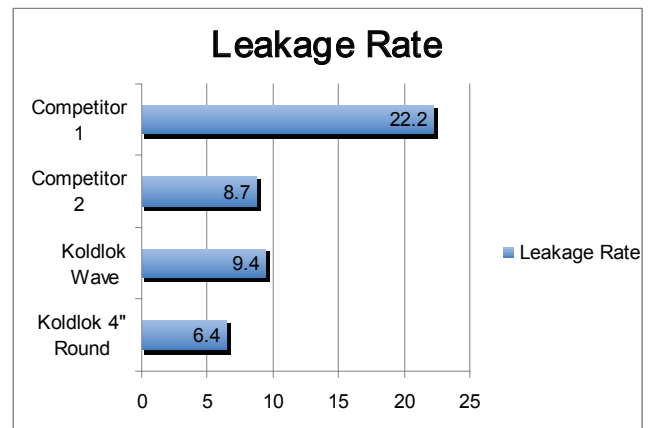
HBT is uniquely constructed to offer:

- Flexible and highly efficient sealing membrane
- Multi layered construction for increased sealing ability
- Color: black

Floor Mounting System

Four (4) self-taping screws are provided for quick no-drill installation.

Product	Leakage Rate
Koldlok 4" Round	6.4
Koldlok Wave	9.4
Competitor 2	8.7
Competitor 1	22.2



Product Drawings

