HOTLOK®

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4" ROUND RACK GROMMET

PRODUCT OVERVIEW

Part Number: 46-40002

Application

Designed to seal 4" (102 mm) cable openings in new and existing server rack cut-outs to block bypass airflow and maximise cooling system efficiency.

HotLok® Round Rack Mount Grommet, the latest patent-pending thermal management solution is the premium choice for your facility. Its revolutionary sealing technology greatly reduces costly bypass airflow, increasing usable cooling unit capacity, and ensuring maximised efficiency from HVAC equipment.

Hybrid Brush Technology (HBT)

HBT is uniquely constructed to offer:

- Flexible and highly efficient sealing membrane.
- Membrane supports bristles to reduce sagging and limit leakage.
- Multi-layered construction for increased sealing effectiveness.
- Colour: Black.

Features

- The Split feature of the HotLok® Round Rack Mount Grommet allows product installation or removal without disturbing cables.
- The Grommets contain no loose or partially fastened parts, which can become separated or fall into the rack.
- The Grommets are impact resistant and durable.
- HBT Membrane Layer ensures maximum air containment.
- HotLok® 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).
- The Grommet features a membrane support structure.

Benefits

- Supports increasing cabinet density.
- Increases existing cooling unit capacity.
- Reduces the need to purchase additional cooling units.
- Improves IT equipment reliability and extends equipment life.
- Simple snap in place installation, saves time and labour and requires no downtime.
- Round grommets enable hole saw installation.
- Most cost effective tool for cable separation and cable management while minimising bypass airflow in the rack.
- Durable ABS frame and Hybrid Brush sealing surface can be used for years.
- Hybrid Brush Technology (HBT) provides the most effective air seal in the industry and avoids sagging bristles.

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Specifications

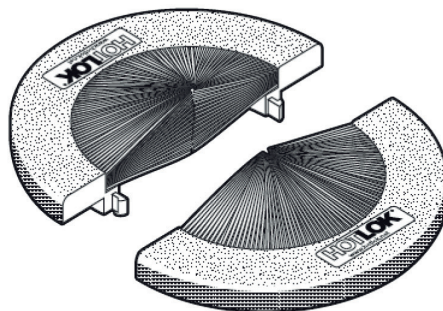| Description	Millimetres	Inches
Overall size (diameter x height)	142mm x 18mm	5.60" x 0.7"
Product height above the rack	10mm	0.4"
Maximum thickness of plate at rack install location	1.6mm	0.625"
Hole cut required for installation	101.6mm - 103.6mm	4.0" - 4.08"
Usable cable area	6194 sq. mm	9.6 sq. inch

Patented Sealing System

U.S. and International patented Hybrid Brush Technology (HBT) design using thermoplastic elastomer creating a more effective seal than any other grommet. Tear lines minimize leakage in unused areas of the grommet when only a small number of penetrants are being used. U.S. and International patent pending:

Single-layer, opposing and interwoven filaments consisting of premium grade nylon Type 6 ensuring flexibility and self-sealing recovery along with guaranteeing passage of 30 amp power connector.

Sealing Effectiveness

New, patented Hybrid Brush Technology (HBT) offers exceptional sealing and airflow management, unsurpassed by other leading brush products on the market today. Hybrid Brush Sealing Technology automatically seals around cables with no additional maintenance or monitoring required.
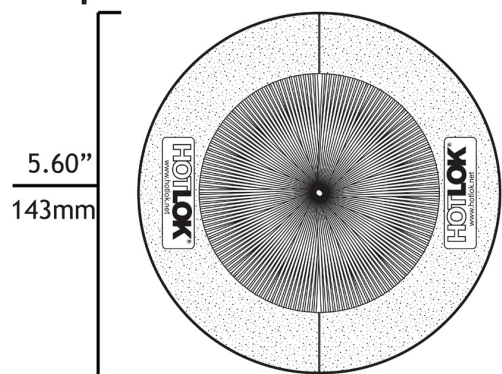
Grommet Frame

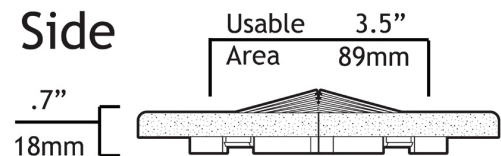The frame is moulded from durable PC/ABS Finish: Black

Rack Mounting System

Four (4) integrated self-securing moulded clips ensure grommet is firmly fastened to the rack.

Top

5.60"
143mm

Side

Usable   3.5"
Area   89mm

.7"
18mm

Isometric