

KoldLok® SplitLok™ Raised Floor Grommets



KoldLok® SplitLok™ Integral
46-4040



KoldLok® SplitLok™ Square
46-5050

Application

Designed to seal openings in new or existing raised floor cutouts used for communications or power cabling.

Based on measurements at multiple data centres, on average 48% 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 centre 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, half-inch cables penetrating the grommet at a static pressure of 0.10 inches of water column.

Features & Benefits

- Split frame.
- Interlocking feature that fastens the two halves together.
- Dry erase markable surface (non-permanent marker).
- New and improved finish quality.
- Stronger material – better strength.
- Easier installation.
- Smooth polished surface.
- Increased ability to remove and replace tiles with edge cuts.
- Reduced installation labour.
- Ability to custom label grid location or cabinet identification.
- Improved life span due to higher impact material.
- Quick removal under low height cabinets due to interlocking design.
- Easier to clean.

Specifications

Part No.	Description	Dimensions
46-4040	KoldLok® SplitLok™ Integral	279mm x 212mm x 41.66mm (11" x 8.36" x 1.64")
46-5050	KoldLok® SplitLok™ Square	190.5mm x 187.71mm x 41.66mm (7.50" x 7.39" x 1.64")

Patented Sealing System

U.S. Patent No. RE41863 and International Patents Pending Multi-layer, opposing and interwoven filaments consisting of:

- 0.010 inch diameter upper filaments.
- 0.020 inch diameter lower filaments.
- Approximately 25,000 filaments per Grommet.
- Ensure passage of 100 amp power connectors.

Floor Mounting System

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

Grommet Frame

The SplitLok™ Integral / Square Raised Floor Grommet frame is moulded from durable ABS plastic and consists of two interlocking halves.

The SplitLok™ grommet also features a black smooth polished finish with full colour artwork and a markable surface.

Dimensions

