

# GROMMETS

Facility Monitoring

## SPLIT INTEGRAL FOAM GROMMETS ROUND, SQUARE, AND RECTANGLE

**01 APPLICATIONS:** Plugging holes is one of the easiest ways to improve airflow and efficiency in any raised floor environment. If air can escape through holes in a raised floor you limit the effectiveness of containment and decrease your cooling efficiency.

RLE's patented fire rated foam grommets seal holes in raised floors and show an immediate efficiency return.

### **02 KEY FEATURES:**

- Foam composition seals better and lets less air escape than the leading competitor
- Split design is easy to insert around any size cable bundle in existing cutouts
- Fulfills best practice guidelines for data center containment scenarios
- Available in a variety of sizes to meet a wide range of needs
- Flame rated to meet facility safety requirements
- 4 screws provided to ensure a secure installation

### **03**

#### WHAT SETS RLE'S GROMMETS APART?

- **Our foam grommets seal better** and prevent air from passing through the grommets significantly better than the leading competitor's grommets.
- **Purchase one or several grommets at a time** - we understand each facility's needs are unique, and want to help you meet your individual efficiency goals. Whether you need one grommet or a box full, we're happy to help.
- **Use whole or quickly split into halves** for installation around existing cables or pipes, or against a flat edge.
- **Shipped in the USA**, our grommets are stocked and ship from our manufacturing facility in Colorado.
- **Our patented design** is a testament to our commitment to innovation and ensures you receive the quality and reliability you expect from all RLE products.

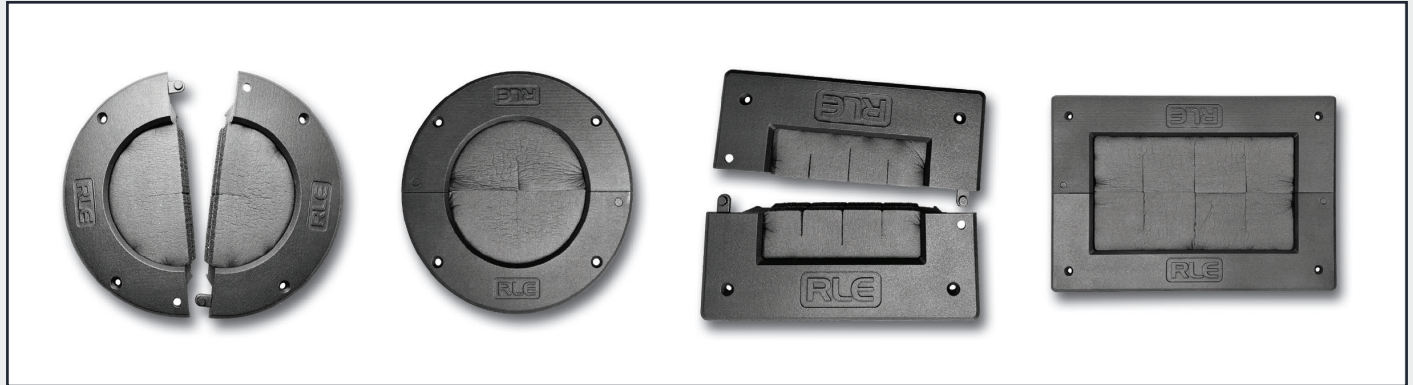
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V09.24

## 04 50% LESS AIRFLOW LOSS THAN THE LEADING COMPETITOR: Fill cutouts in raised floors with RLE's grommets and see an immediate improvement in airflow and efficiency.



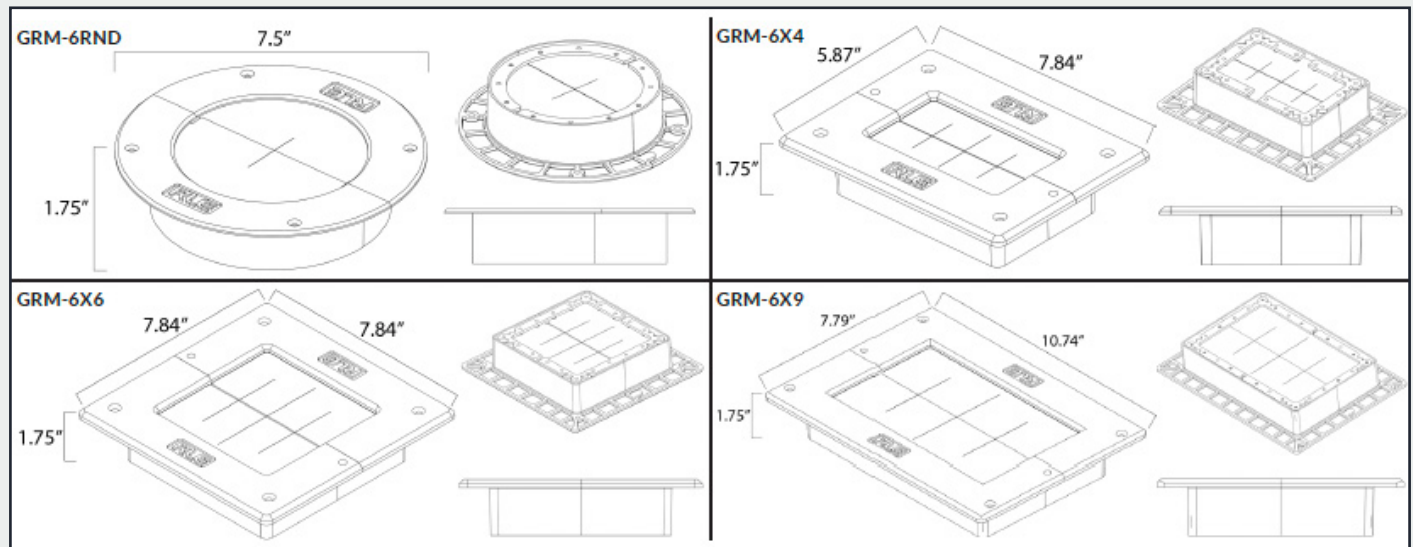
## 05 GROMMETS: Compatible with all new and existing raised floor systems

| Product Codes |                                                  |
|---------------|--------------------------------------------------|
| GRM-6RND      | Grommet; round; 6" (15.24 cm)                    |
| GRM-6X4       | Grommet; rectangular; 6" x 4" (10.16 x 15.24 cm) |
| GRM-6X6       | Grommet; square; 6" x 6" (15.24 x 15.24 cm)      |
| GRM-6X9       | Grommet; rectangular; 6" x 9" (15.24 x 22.86 cm) |

## 06 How Much Better Are RLE's Grommets? Our grommets were tested against the leading competitor's grommets. The results tell the story:

| Test - Using an air hood, what is the measured plenum pressure in each situation? | Competitor's 6" Round Grommet (CFM/100 in <sup>2</sup> ) | RLE's 6" Round Grommet (CFM/100 in <sup>2</sup> ) | How much less air escapes when you use RLE's grommet instead of the competitor's? Improvement calculated in percentage of airflow. | Estimated Savings Per Year with RLE Grommets, per 100 in <sup>2</sup> |
|-----------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| No Cable Bundle                                                                   | 5.656                                                    | 2.502                                             | 55.76%                                                                                                                             | \$73.60                                                               |
| Small Cable Bundle                                                                | 6.779                                                    | 2.812                                             | 58.52%                                                                                                                             | \$77.24                                                               |
| Medium Cable Bundle                                                               | 8.032                                                    | 4.430                                             | 44.85%                                                                                                                             | \$59.20                                                               |
| Large Cable Bundle                                                                | 10.200                                                   | 5.422                                             | 46.84%                                                                                                                             | \$61.83                                                               |

06



07

## Technical Specifications

| Product Code                         | GRM-6RND                                                  | GRM-6X4                                               | GRM-6X6                                               | GRM-6X9                                                |
|--------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|
| <b>Overall Size</b>                  | 7.5" x 1.75"<br>(19.05cm x 4.45cm)                        | 7.84" x 5.87" x 1.75"<br>(19.91cm x 14.91cm x 4.45cm) | 7.84" x 7.84" x 1.75"<br>(19.91cm x 19.91cm x 4.45cm) | 7.79" x 10.74" x 1.75"<br>(19.79cm x 27.28cm x 4.45cm) |
| <b>Weight</b>                        | 7.4oz (210g)                                              | 6.5oz (184g)                                          | 9.5oz (270g)                                          | 12.5oz (346g)                                          |
| <b>Height Above Floor</b>            | 0.25" (0.635cm)                                           | 0.25" (0.635cm)                                       | 0.25" (0.635cm)                                       | 0.25" (0.635cm)                                        |
| <b>Hole Cut Diameter</b>             | 6.0" (15.24cm)                                            | 6.0" x 4.0"<br>(15.24cm x 10.16cm)                    | 6.0" x 6.0"<br>(15.24cm x 15.24cm)                    | 6.0" x 9.0"<br>(15.24cm x 22.86cm)                     |
| Minimum                              | 5.78" (14.68cm)                                           | 5.84" x 3.88"<br>(14.83cm x 9.86cm)                   | 5.84" x 5.84"<br>(14.83cm x 14.83cm)                  | 5.84" x 8.80"<br>(14.83cm x 22.35cm)                   |
| Maximum                              | 6.22" (15.8cm)                                            | 6.10" x 4.13"<br>(15.49cm x 10.49cm)                  | 6.10" x 6.10"<br>(15.49cm x 15.49cm)                  | 6.50" x 9.50"<br>(15.49cm x 24.13cm)                   |
| <b>Usable Cable Area</b>             | 15.9 in <sup>2</sup> (102.6 cm <sup>2</sup> )             | 11.8in <sup>2</sup> (76.1cm <sup>2</sup> )            | 20.8in <sup>2</sup> (134.2cm <sup>2</sup> )           | 34.2in <sup>2</sup> (220.6cm <sup>2</sup> )            |
| <b>Composition</b><br>Frame<br>Foam  | Polypropylene<br>Ensolute SFO                             |                                                       |                                                       |                                                        |
| <b>Flame Rating</b><br>Frame<br>Foam | UL94 H-B<br>UL94 HF-1                                     |                                                       |                                                       |                                                        |
| <b>Compatibility</b>                 | Compatible with all new and existing raised floor systems |                                                       |                                                       |                                                        |
| <b>Country of Origin</b>             | United States of America                                  |                                                       |                                                       |                                                        |