

Conductive foam gaskets are available in a wide range of standard dimensions – either as thin sheet material or as customized stampings.

The conductive foam is available in thicknesses up to 6,0 mm and is coated with nickel. It is conductive not only on the X/Y axis but also on the Z axis.

Conductive foam gaskets have excellent shielding, elastic and flame retardant properties.

- Standard thicknesses from 0,5 to 6,0 mm
- Nickel coated
- Available with or without conductive tape
- Punched parts available
- Excellent shielding effectiveness



PRODUCT SPECIFICATIONS

| PROPERTY | VALUE / TOLERANCE | TEST METHOD |
|---------------------------|------------------------|-------------|
| Basic material | Polyurethane foam | - |
| Plating | Nickel | - |
| Thickness | 0,5 – 6,0 mm ± 0,5 mm | GB/T 451.3 |
| Surface resistance | ≤0,2 Ω/in ² | GB/T 30139 |
| Vertical resistance | <0,2 Ω | GB/T 30139 |
| Compression ratio | ≥30 % | - |
| Shielding effectiveness | >90 dB @ 20MHz – 2GHz | GB/T 30142 |
| Salt spray (PH=6,5, 48 h) | Level A - 10 | ASTM B117 |
| Adhesion | ≥1,0 Kg/in | GB/T 2792 |
| Holding power | ≥24 H | GB/T 4851 |
| Temperature range | -20 – 85 °C | - |
| Colour | Silver grey | - |
| Shelf life | 12 months at 23 ± 5°C | - |
| Max. Sheet size | 500 x 1000 mm | - |

BUILDING AN ITEM NUMBER

RCFH-WxT-X-L

Conductive Foam

| | |
|----|------------|
| xx | Width (mm) |
|----|------------|

| | |
|----|----------------|
| xx | Thickness (mm) |
|----|----------------|

| | |
|---|---------------------|
| C | Conductive adhesive |
|---|---------------------|

| | |
|---|------------------|
| X | No adhesive tape |
|---|------------------|

| | |
|----|-------------|
| xx | Length (mm) |
|----|-------------|

Standard options

EXAMPLE

RCFH-500x1,0-X-100
Conductive foam; width: 500 mm; thickness: 1,0 mm; without
adhesive tape; length: 100 mm