CONDUCTIVE FOAM
RCF-0,3

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

The conductive foam is available in thicknesses up to 1,5 mm and is supplied with a copper-nickel metal coating.

Conductive foam gaskets have excellent EMC properties as a result of the small distance between the holes.

- Standard thicknesses from 0,3 to 1,5 mm
- CuNi metallized
- Available with conductive tape
- Punched parts available
- Excellent shielding effectiveness

RoHS ✓ REACH ✓ 12 13 REEL

PRODUCT SPECIFICATIONS

PROPERTY		VALUE / TOLERANCE	TEST METHOD
Basic material		Polyolefin foam	-
Plating		CuNi	-
Standard width		Max. 1.000 mm ± 20 mm	-
Thickness		0,3 mm ± 0,1 mm	-
Standard length		10 m/roll	-
Shielding effectiveness		>60 dB @ 100 MHz - 18 GHz	ASTM 4935
Surface resistance		<0,1 Ω/□	10cm²/MIL G 83528
Volume resistance		<0,1 Ω*cm	10cm²/kg pressure
Tensile strength	L W	27 N/50 mm 19 N/50 mm	KS M 3014-96
Elongation	L W	35,5 % 36,5 %	KS M 3014-96
Temperature range		-25 – 80 °C	-
Recommended compression rate		15 – 30 %	-
Colour		Grey	-
Shelf life		12 months at 23°C	-

BUILDING AN ITEM NUMBER

RCF-Wx0,3-X-L

Conductive Foam	
xx	Width (mm)
Thickness 0,3 mm	
C	Conductive adhesive
X	No adhesive tape
xx	Length (mm)
Rxx	On roll (m)

Standard options

EXAMPLE

RCF-1.000x0,3-X-R
Conductive foam; width: 1.000 mm; thickness: 0,3 mm; without adhesive tape; on roll

SHIELDING EFFECTIVENESS