

# CONDUCTIVE FOAM

## RCF-1,0

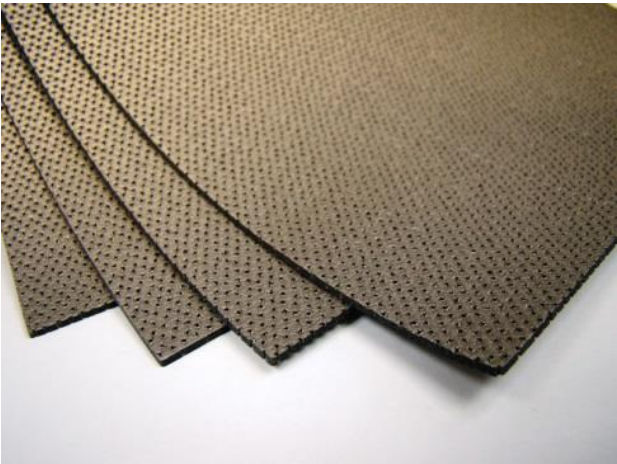


**Conductive foam gaskets** are available in a wide range of standard dimensions – either as thin sheet material or as customized stampings for I/O shielding.

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



## PRODUCT SPECIFICATIONS

PROPERTY		VALUE / TOLERANCE	TEST METHOD
Basic material		Polyolefin foam	-
Plating		CuNi	-
Standard width		Max. 1.000 mm ± 20 mm	-
Thickness		1,0 mm ± 0,3 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	54 N/50 mm	KS M 3014-96
	W	47 N/50 mm	
Elongation	L	63,5 %	KS M 3014-96
	W	94,0 %	
Temperature range		-50 – 100 °C	-
Recommended compression rate		15 – 30 %	-
Colour		Grey	-
Shelf life		12 months at 23°C	-

BUILDING AN ITEM NUMBER

RCF-Wx1,0-X-L

Conductive Foam	
xx	Width (mm)
Thickness 1,0 mm	
C	Conductive adhesive
X	No adhesive tape
xx	Length (mm)
Rxx	On roll (m)

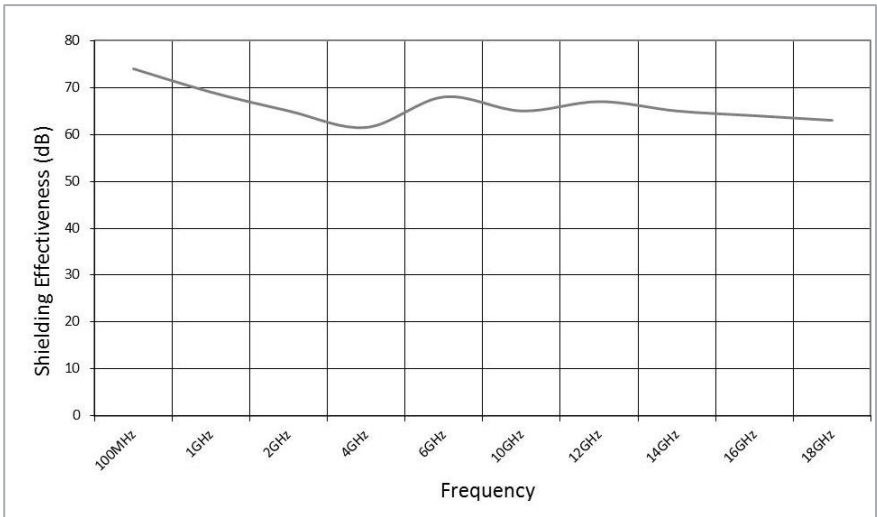


Standard options

EXAMPLE

RCF-1.000x1,0-X-R  
Conductive foam; width: 1.000 mm; thickness: 1,0 mm; without adhesive tape; on roll

SHIELDING EFFECTIVENESS



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