

**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



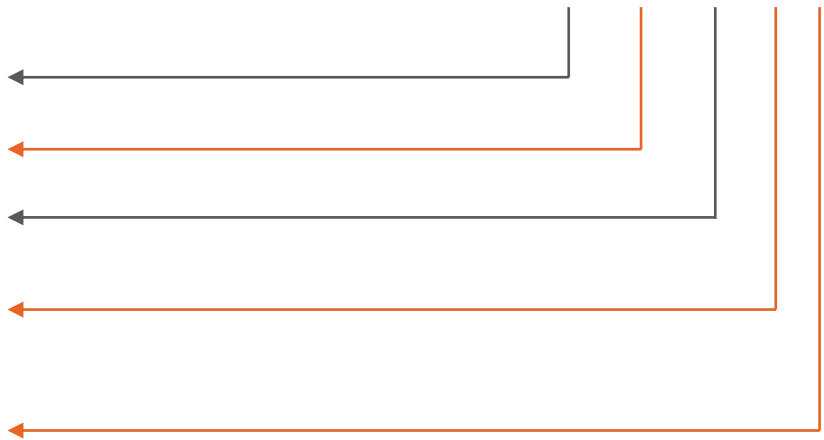
## PRODUCT SPECIFICATIONS

PROPERTY		VALUE / TOLERANCE	TEST METHOD
Basic material		Polyolefin foam	-
Plating		CuNi	-
Standard width		Max. 1.000 mm ± 20 mm	-
Thickness		0,5 mm ± 0,1 mm	-
Standard length		10 m/roll	-
Shielding effectiveness		>60 dB @ 100 MHz - 18 GHz	ASTM 4935
Surface resistance		<0,1 Ω/□	10cm <sup>2</sup> /MIL G 83528
Volume resistance		<0,1 Ω*cm	10cm <sup>2</sup> /kg pressure
Tensile strength	L	46 N/50 mm	KS M 3014-96
	W	38 N/50 mm	
Elongation	L	50,5 %	KS M 3014-96
	W	52,0 %	
Temperature range		-50 – 100 °C	-
Recommended compression rate		15 – 30 %	-
Colour		Grey	-
Shelf life		12 months at 23°C	-

## BUILDING AN ITEM NUMBER

RCF-Wx0,5-X-L

Conductive Foam	
xx	Width (mm)
Thickness 0,5 mm	
C	Conductive adhesive
X	No adhesive tape
xx	Length (mm)
Rxx	On roll (m)



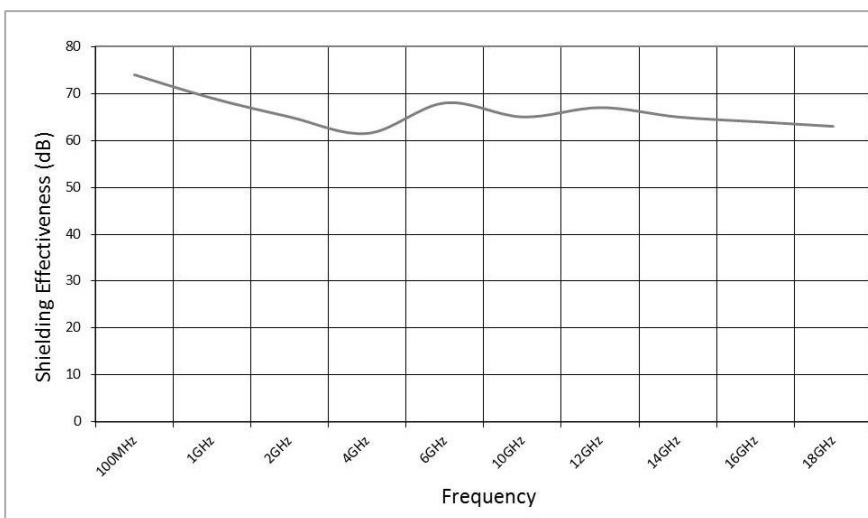
### Standard options

#### EXAMPLE

RCF-1.000x0,5-X-R

Conductive foam; width: 1.000 mm; thickness: 0,5 mm; without adhesive tape; on roll

## SHIELDING EFFECTIVENESS



Modifications and errors excepted. The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verifications and testings to determine the suitability for their own particular purpose of any information or products referred to herein.