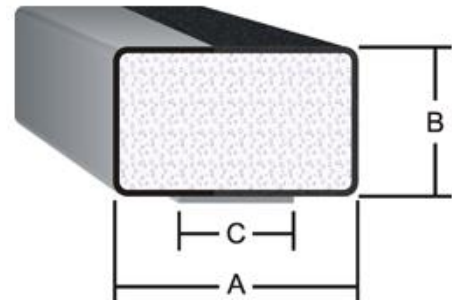


IP/EMC gaskets are mainly used where electronic devices require both EMC/ESD protection and also protection from environmental influences.

The EPDM core of the profiles is partially coated with conductive copper-nickel fabric (CuNi).

IP/EMC gaskets can be supplied with or without adhesive tape.

- Both IP- and EMI protection
- Excellent shielding effectiveness
- Available with or without adhesive tape
- Available in any length and also on roll

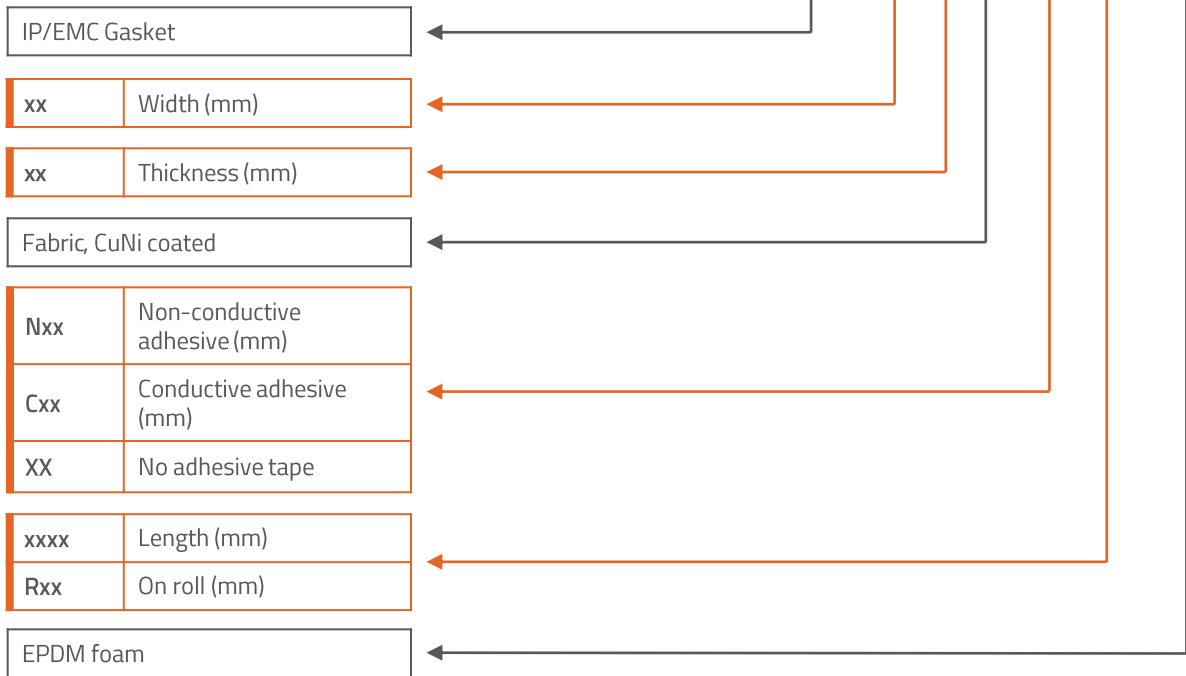


PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Basic material	EPDM foam core	-
Fabric	Conductive fabric (CuNi coated)	-
Width (A)	10,0 – 60,0 mm	-
Thickness (B)	2,0 – 30,0 mm	-
Standard length (L)	2.000 mm	-
Surface resistance	<0,05 Ω/□	-
Shielding effectiveness	80 – 90 dB @ 100 MHz - 18 GHz	ASTM D-4935-89
Adhesive tape	Non-conductive, conductive	-
Temperature range	-25 – 80 °C	-
Hardness	20 Shore A ± 10	ASTM D 2240

BUILDING AN ITEM NUMBER

DKO-WxT NI-XX-L-EPDM



Standard options

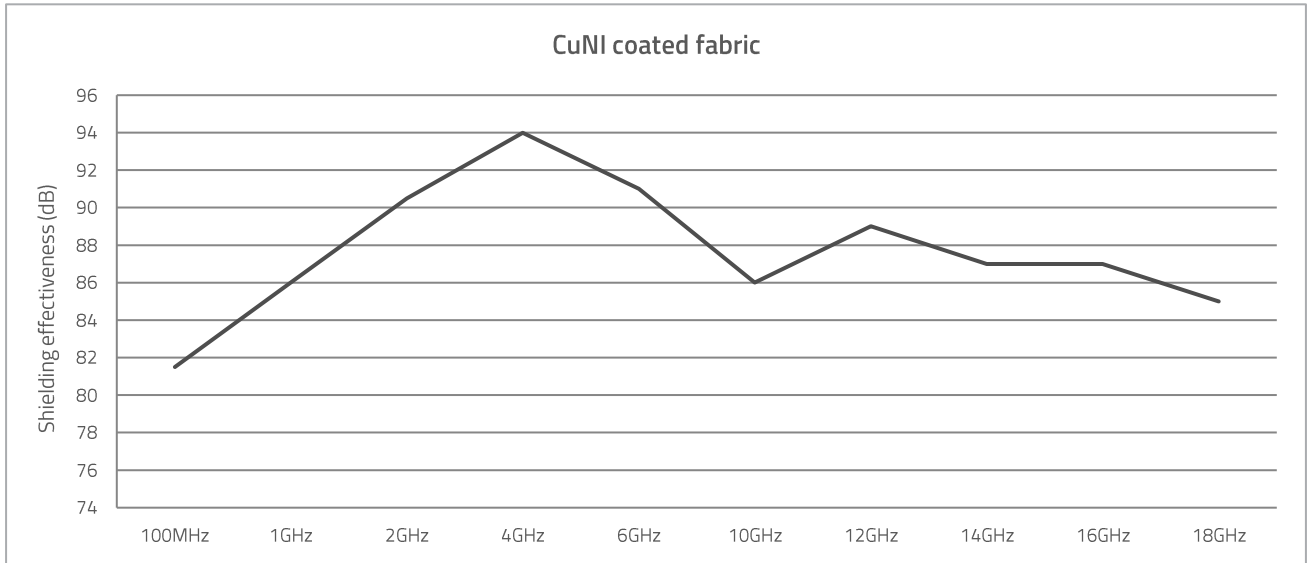
EXAMPLE | **DKO-10x2NI-N4-R100-EPDM**
 IP/EMC gasket; width: 10 mm; height: 2 mm; fabric, nickel coated;
 non-conductive adhesive: 4 mm; on roll 100 m; EPDM foam

TOLERANCES

WIDTH AND HEIGHT (mm)	TOLERANCE (mm)
0,5 – 6,3	± 0,5
6,3 – 10,0	± 0,7
10,0 – 16,0	± 0,8
16,0 – 25,0	± 1,0
25,0 – 40,0	± 1,3
40,0 – 63,0	± 1,6

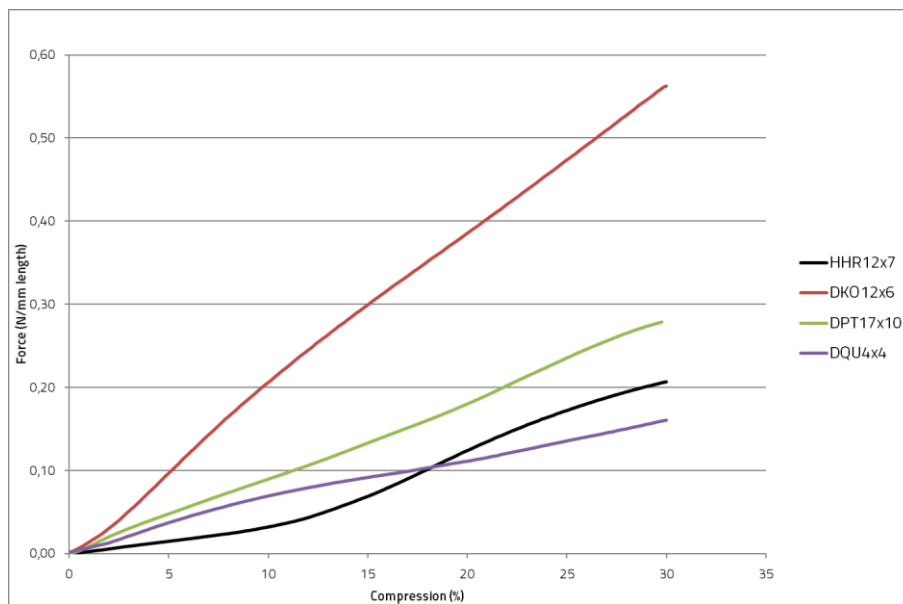
LENGTH (mm)	TOLERANCE (mm)
5 – 150	± 0,8
151 – 300	± 1,3
301 – 1.200	± 2,5
1.201 – 1.750	± 4,7
1.750 – 2.300	± 6,4

SHIELDING EFFECTIVENESS



NOTE | Due to less adhesive power of the conductive adhesive – compared to the non-conductive adhesive – the conductive adhesive is only an assembling aid.

FORCE DEFLECTION DIAGRAM CuNi



NOTE | Deviations may occur due to the very soft material.

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.