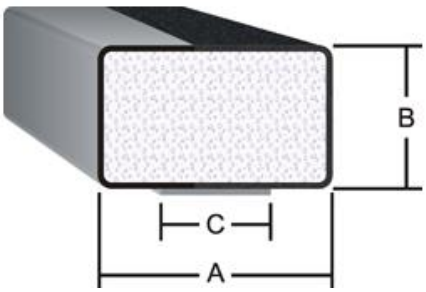
IP/EMC GASKETS

DKO-WxTNI-XX-L-EPDM



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.

ISO 9001 14001 | RoHS ✓ | REACH ✓ | 12 13

REEL

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

Property	Value	Unit	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	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 to 80	°C	-

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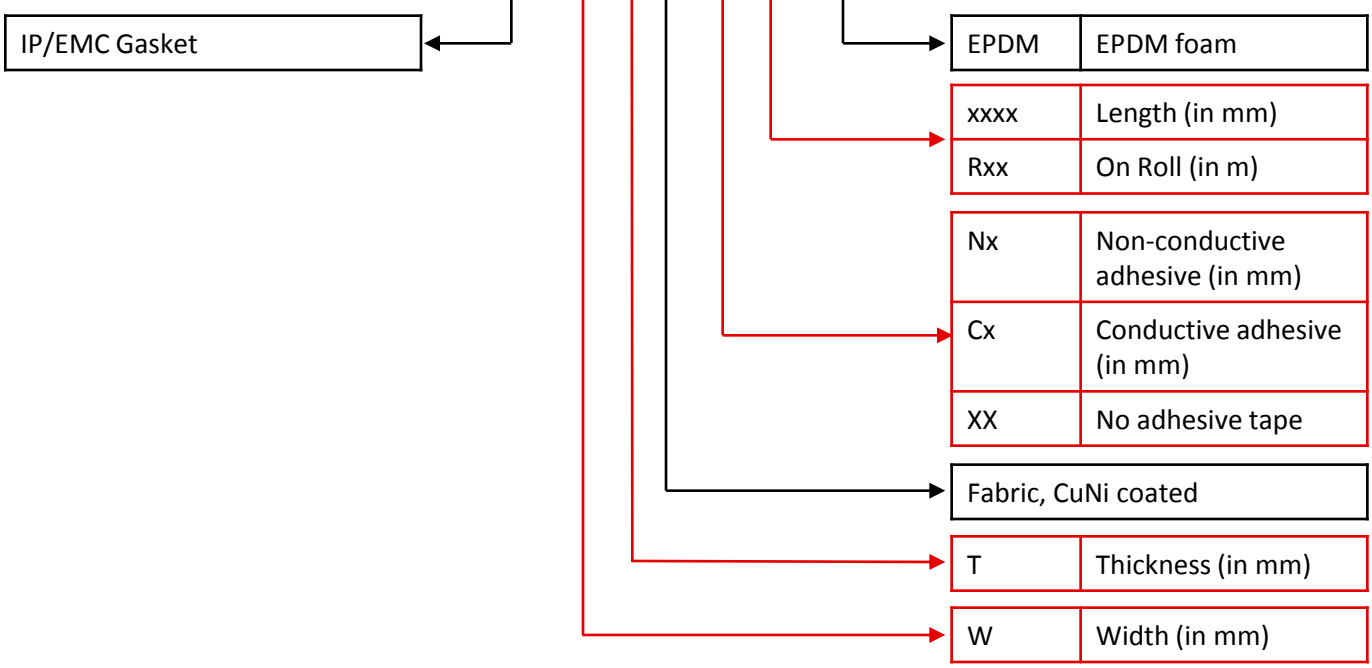
BUILDING AN ITEM NUMBER

DKO-WxTNI-XX-L-EPDM



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 hight (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

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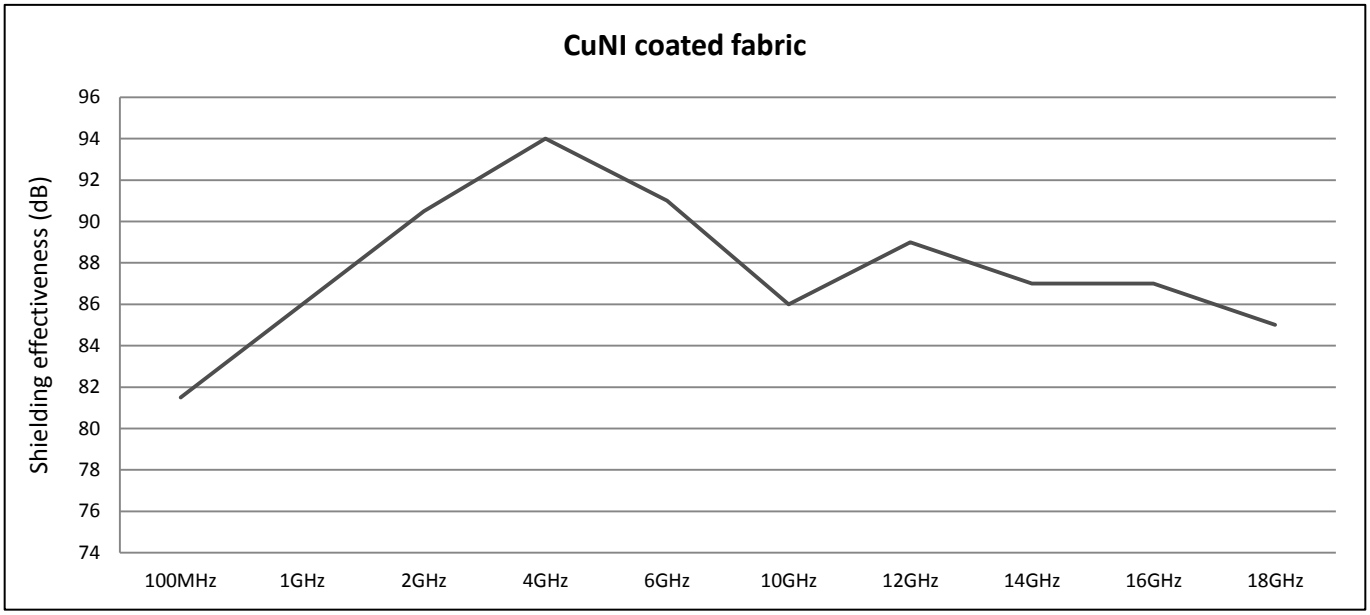
SHIELDING EFFECTIVENESS



NOTE

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

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