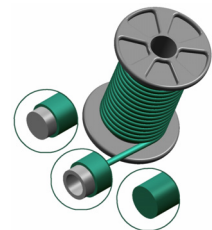


**RFI shielding specialist**  
for conductive adhesives and gaskets

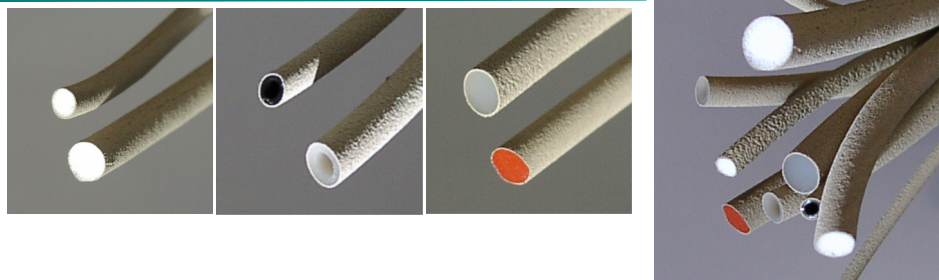
## The Classics - Conductive RFI Gaskets

### Coated Gaskets

The easy to install round cords made from conductive coated silicone are especially soft and elastic and feature good compression sets. The extensive standard program is readily available in endless lengths as yard goods. We can also manufacture customer-specific lengths, cross-section designs as well as pasted O-rings for you. The typical application fields are rack gaskets, flange gaskets, etc.



### NEUSIL Material Description: COATING



material COATING	NEUSIL	1440	1441	1442	1443	1444
elastomer binder		silicone	silicone	silicone	silicone	silicone
conductive particles		Nickel	Ag / glass	Ag / Cu	Ag / Al	Ag
coating strength (tol. +0,1)	mm	0,2	0,2	0,2	0,2	0,2
density <sup>1</sup> DIN 53479 A	g/cm <sup>3</sup>	3,5	1,8	3,6	1,7	3,7
Shore-A hardness <sup>2</sup> DIN 53505	±6	68	72	64	70	62
volume resistance VDE 0303	Ohm cm	0,1	0,02	0,008	0,08	0,01
temperature range	°C	- 55 / +200	- 55 / +200	- 55 / +125	- 55 / +160	- 55 / +200
elongation at break DIN 53504-S1	%	< 20	< 20	< 20	< 20	< 20
tear strength DIN 53504-S1	N/mm <sup>2</sup>	1,3	1,2	1,8	1,5	1,1
tearing resistance ASTM D624B	N/mm	3,7	2,9	3,3	3,0	2,2
colour		black	beige	beige	beige	beige
shielding dB:						
H-field 10 KHz		72	60	67	60	69
E-field 1 MHz		115	100	130	100	130
P-field 1 GHz		85	90	110	90	110

<sup>1</sup> density decreases proportionally to the increasing outer diameter

<sup>2</sup> the Shore-A hardness decreases proportionally to the increasing outer diameter