

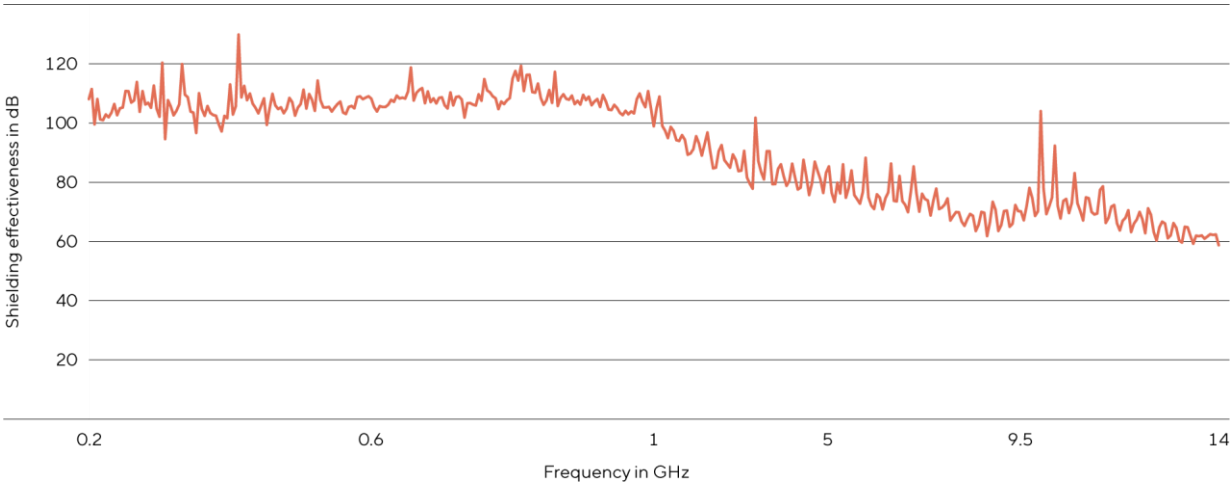
Ag	Cu	Ni	Sn
----	----	----	----

Shieldex[®] Kiel Wallpaper

130035290



Shielding effectiveness 0.2 - 14 GHz according to IEEE 299/2006

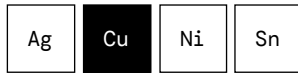


Physical Address
V Technical Textiles, Inc
320 South Main Street
Newark, NY 14513

Mailing Address
V Technical Textiles, Inc
4502 State Rt. 31
Palmyra, NY 14522

Contact
Phone: (315)-597-1674
Fax: (315)-597-6687
info@vtechtextiles.com





Shieldex[®] Kiel Wallpaper

130035290



Raw Material	100 % Polyamide / Nylon 6.6
Non-woven	PBN-II® 1.3 oz spunbonded + fiber-reinforced paper-back
Metal Plated	Copper
Material Composition w/o paper-back	(47 % PA / 48 % Cu / 5 % CR Coating) ± 10 %
+ CR Coating	Protective acrylic coating
Electrical Surface Resistivity	< 0.02 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of 107 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of 85 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of 71 dB from 5 GHz – 14 GHz
Abrasion Resistance	≥ 20000
Total Weight	215 g/m ² ± 15 %
Total Thickness	0.50 mm ± 5 %
Roll Width	90 ± 1 cm
Roll Length	20 m
Temperature Range	-30 °C to 90 °C
Storage and Handling	According to our care and handling instructions
Compliance and Certification	DIN EN ISO 9001:2015, REACH, RoHS

Alterations Reserved 20.09.2021/05 – The above information has been compiled from our manufacturer area according to the latest state of development and application technology. Since application and further processing are beyond our control, no liability of the producer can be derived from the contents of the data sheet. All deviant or transcending data sheet information must be confirmed in written form by the manufacturer. Our general terms and conditions apply in all cases. All previous data sheets are invalid with the publication of this data sheet. Please note our handling and storage instructions as well accessible at www.shieldex.de.

Physical Address
V Technical Textiles, Inc
320 South Main Street
Newark, NY 14513

Mailing Address
V Technical Textiles, Inc
4502 State Rt. 31
Palmyra, NY 14522

Contact
Phone: (315)-597-1674
Fax: (315)-597-6687
info@vtechtextiles.com

