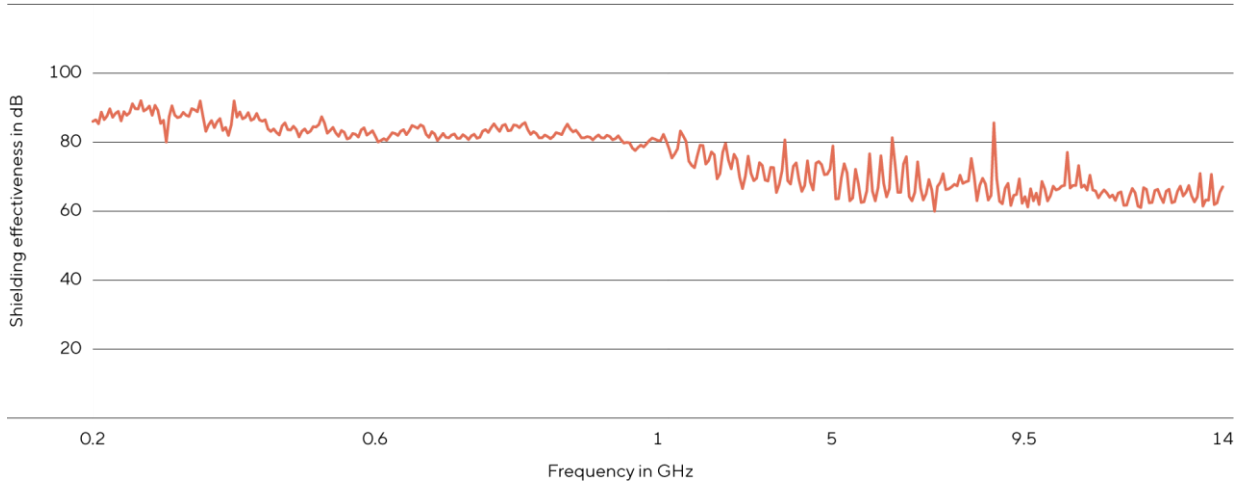
shieldex

Ag | Cu | Ni | Sn

Shieldex®
Zell RS CR

1500101130CR

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



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

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

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

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Zell RS CR

1500101130CR

Raw Material	100 % Polyamide / Nylon 6.6
Weave	Ripstop
Thread density warp	≈ 480-500 threads/dm
Thread density weft	≈ 450-490 threads/dm
Metal Plated	Silver + Copper + Tin + CR Coating
Content	9.88 % Ag + 33.82 % Cu + 4 % Sn + 9.09 % CR
+ CR Coating	Protective acrylic coating
Electrical Surface Resistivity	< 0.02 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of < 84 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of < 72 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of < 67 dB from 5 GHz – 14 GHz
Total Weight	81 g/m² ± 15 %
Total Thickness	0.12 mm ± 15 %
Roll Width	132 ± 4 cm
Roll Length	100 ± 10 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

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