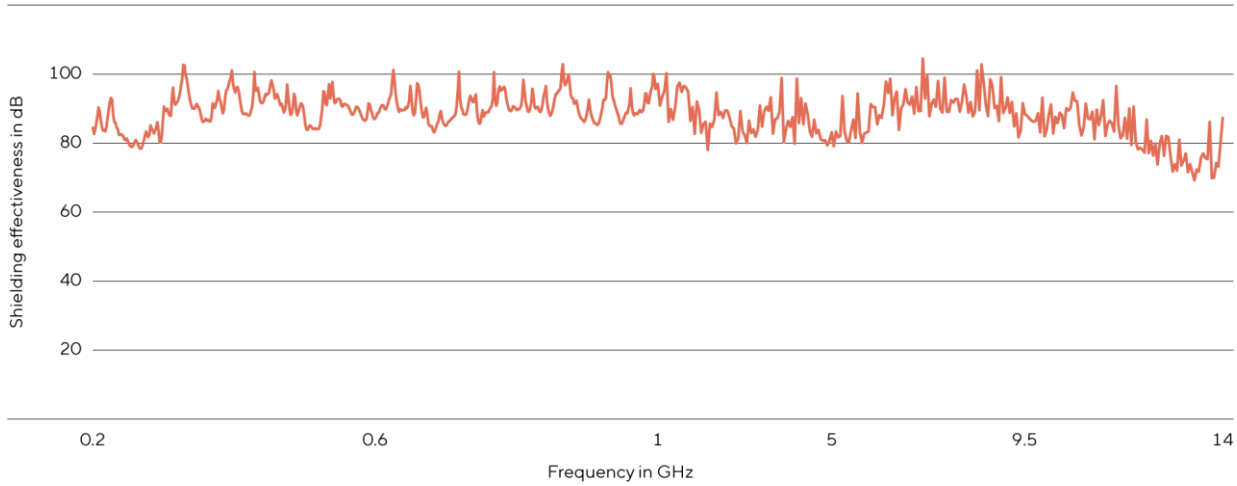
shieldex

Ag | Cu | Ni | Sn

Shieldex®
Porto RS

1502101135

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

Technical Textiles Inc.

shieldex

Ag | Cu | Ni | Sn

Shieldex® Porto RS

1502101135

Raw Material	100 % Polyester
Weave	Ripstop
Thread density warp	≈ 580 threads/dm
Thread density weft	≈ 450 threads/dm
Metal Plated	Copper + Tin
Material Composition	(31 % PES / 65 % Cu / 4 % Sn) ± 10 %
Electrical Surface Resistivity	≤ 0.02 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of < 91 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of < 86 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of < 87 dB from 5 GHz – 14 GHz
Abrasion Resistance	≤ 12000 cycles
Total Weight	120 g/m² ± 10 %
Total Thickness	0.10 mm ± 12 %
Roll Width	133 ± 3 cm
Roll Length	< 200 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

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

Technical Textiles Inc.