

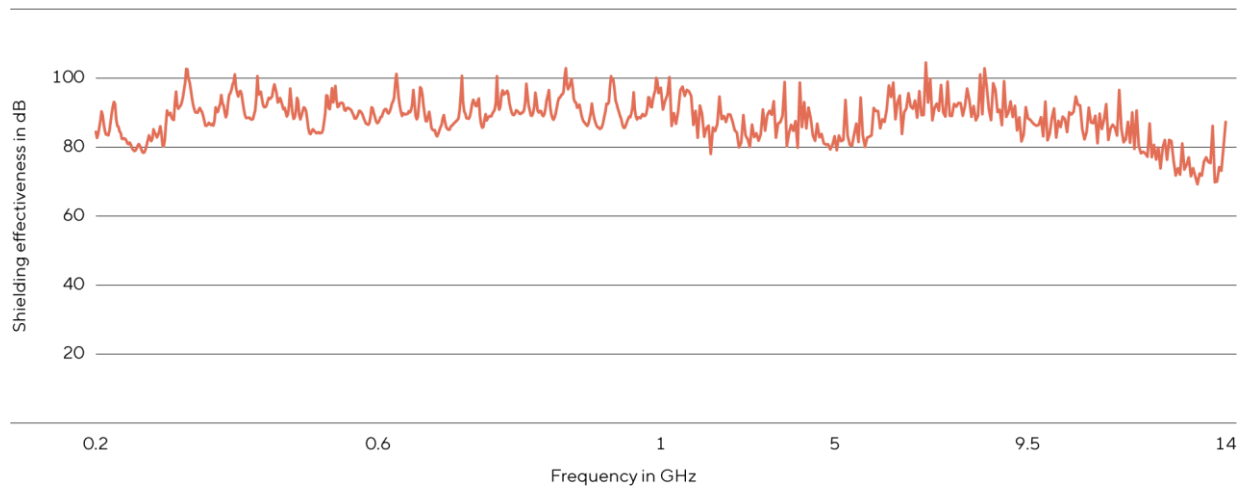


## Shieldex<sup>®</sup> Porto PES PW

1502101136 Preliminary



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@vtechttextiles.com





## Shieldex<sup>®</sup> Porto PES PW

1502101136 Preliminary

<b>Raw Material</b>	100 % Polyester
<b>Weave</b>	Plainweave
<b>Thread density warp</b>	≈ 580 threads/dm
<b>Thread density weft</b>	≈ 450 threads/dm
<b>Metal Plated</b>	Copper + Tin
<b>Material Composition</b>	(31 % PES / 65 % Cu / 4 % Sn) ± 10 %
<b>Electrical Surface Resistivity</b>	≤ 0.02 Ω/□
<b>Measured Frequency</b>	0.2 GHz – 14 GHz
<b>Shielding Effectiveness 1</b>	Average of < 91 dB from 0.2 GHz – 2 GHz
<b>Shielding Effectiveness 2</b>	Average of < 86 dB from 2 GHz – 5 GHz
<b>Shielding Effectiveness 3</b>	Average of < 87 dB from 5 GHz – 14 GHz
<b>Total Weight</b>	100 g/m <sup>2</sup> ± 20 %
<b>Total Thickness</b>	0.08 mm ± 20%
<b>Roll Width</b>	135 cm /- 3 cm/+2 cm
<b>Roll Length</b>	< 200 m
<b>Temperature Range</b>	-30 °C to 90 °C
<b>Storage and Handling</b>	According to our care and handling instructions
<b>Compliance and Certification</b>	DIN EN ISO 9001:2015, REACH, RoHS

**Alterations Reserved 10.10.23/02** – 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](http://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](mailto:info@vtechtextiles.com)

