

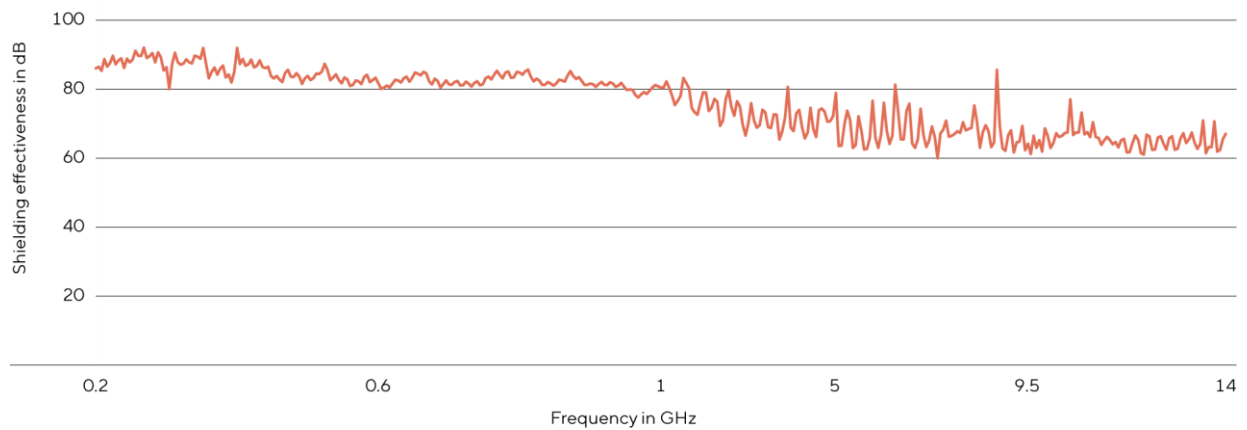


Shieldex® Zell RS

1500101130



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





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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	99.9 % Pure Silver
Metal Content	10.39 % Silver + 40.16 % Copper + 4% Tin
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	77 g/m ² ± 15 %
Total Thickness	0.11 mm ± 15 %
Roll Width	130 ± 4 cm
Roll Length	200 ± 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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**Statex Produktions-
und Vertriebs GmbH**
Kleiner Ort 9-11
28357 Bremen, Germany

Contact
Tel. +49 421 27 50 47
Fax +49 421 27 36 43
info@shieldex.de

Supplied by:
www.hitek-ltd.co.uk
+44 (0)1724 851678



HITEK
ELECTRONIC MATERIALS LTD