shieldex

| Ag | Cu | Ni | Sn |

Shieldex®
Nora Dell CR

`1401101S80CR`

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

Technical Textiles Inc.

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| Ag | Cu | Ni | Sn |
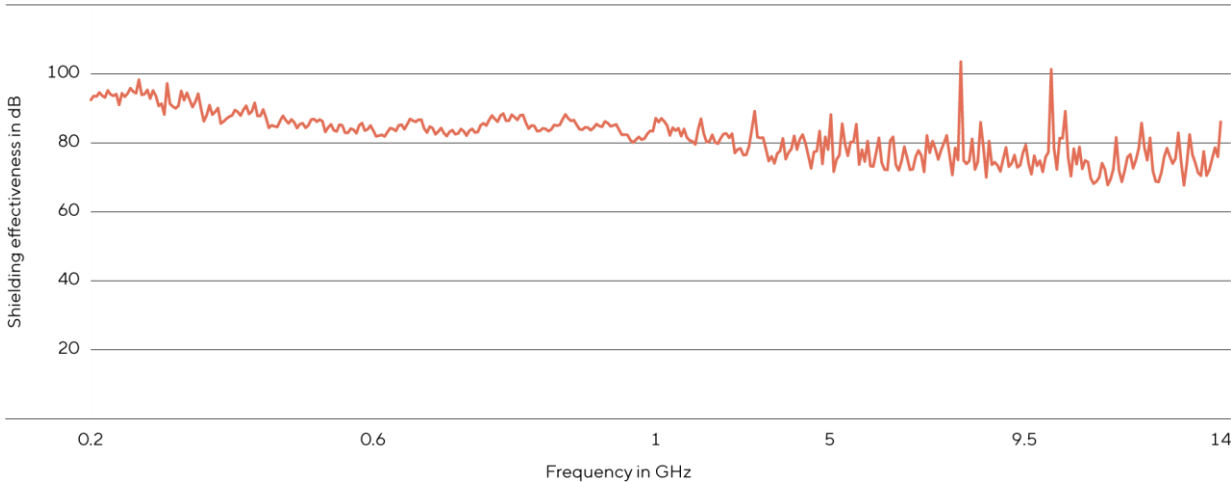
Shieldex®
Nora Dell CR

`1401101S80CR`

Raw Material	100 % Polyamide / Nylon 6.6
Woven	Ripstop
Thread density warp	480-500 threads/dm
Thread density weft	450-490 threads/dm
Metal Plated	Silver + Copper + Nickel
Content	31,82 ± 3 % PA / 7.27 ± 2 % Ag / 48.18 ± 3 % Cu / 3.64 ± 1 % Ni / 9.09 ± 2 % CR Coating
+ CR Coating	Protective acrylic coating
Electrical Surface Resistivity	< 0.009 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of 87 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of 80 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of 77 dB from 5 GHz – 14 GHz
Shielding Effectiveness 4	Average of 60 dB from 14 GHz – 26 GHz
Shielding Effectiveness 5	Average of 56 dB from 26 GHz – 40 GHz

Maximum Force Warp	430 ± 7 N	Maximum Force Weft	353 ± 13 N
Elongation at Maximum Force Warp	20 ± 2 %	Elongation at Maximum Force Weft	22.5 ± 2%
Total Weight	110 g/m² ± 15 %	Total Thickness	0.125 mm ± 15 %
Roll Width	132 ± 4 cm	Roll Length	Average 100 m

Abrasion Resistance	≤ 3000 cycles
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

V Technical Textiles Inc.