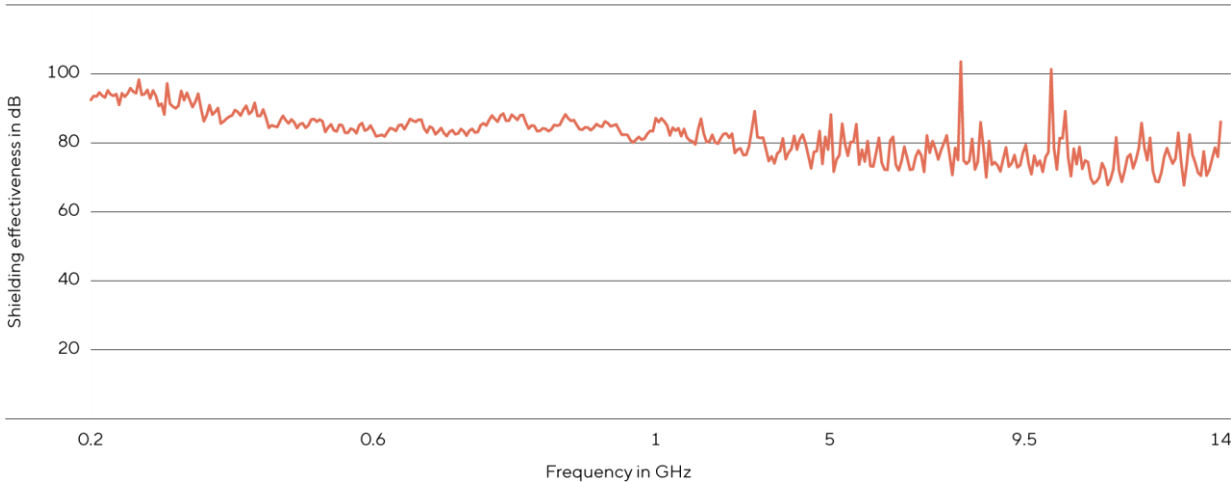


Shieldex[®] Nora Dell CR

1401101S80CR



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





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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/m ² ± 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		

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