

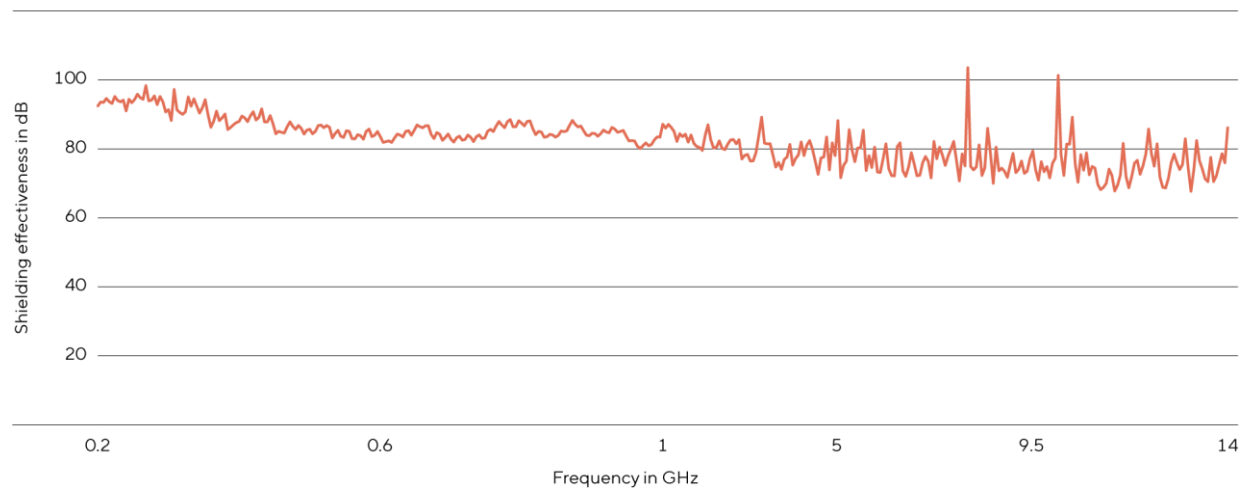


## Shieldex<sup>®</sup> Nora Dell CR

1401101S80CR



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





## Shieldex<sup>®</sup> Nora Dell CR

1401101S80CR

<b>Raw Material</b>	100 % Polyamide / Nylon 6.6		
<b>Woven</b>	Ripstop		
<b>Thread density warp</b>	480-500 threads/dm		
<b>Thread density weft</b>	450-490 threads/dm		
<b>Metal Plated</b>	Silver + Copper + Nickel		
<b>Content</b>	31,82 ± 3 % PA / 7,27 ± 2 % Ag / 48,18 ± 3 % Cu / 3,64 ± 1 % Ni / 9,09 ± 2 % CR Coating		
<b>+ CR Coating</b>	Protective acrylic coating		
<b>Electrical Surface Resistivity</b>	< 0.009 Ω/□		
<b>Measured Frequency</b>	0.2 GHz – 14 GHz		
<b>Shielding Effectiveness 1</b>	Average of 87 dB from 0.2 GHz – 2 GHz		
<b>Shielding Effectiveness 2</b>	Average of 80 dB from 2 GHz – 5 GHz		
<b>Shielding Effectiveness 3</b>	Average of 77 dB from 5 GHz – 14 GHz		
<b>Shielding Effectiveness 4</b>	Average of 60 dB from 14 GHz – 26 GHz		
<b>Shielding Effectiveness 5</b>	Average of 56 dB from 26 GHz – 40 GHz		
<b>Maximum Force Warp</b>	430 ± 7 N	<b>Maximum Force Weft</b>	353 ± 13 N
<b>Elongation at Maximum Force Warp</b>	20 ± 2 %	<b>Elongation at Maximum Force Weft</b>	22.5 ± 2 %
<b>Total Weight</b>	110 g/m <sup>2</sup> ± 15 %	<b>Total Thickness</b>	0.125 mm ± 15 %
<b>Roll Width</b>	132 ± 4 cm	<b>Roll Length</b>	Average 100 m
<b>Abrasion Resistance</b>	≤ 3000 cycles		
<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 01.11.23/09** – 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).