

**Marktek Inc.**  
**Your One-Stop Shop for Conductive, Resistive, & Microwave-Absorptive Materials**

**Data Sheet for NSR58**

ID/Part Number:	NSR58
Description:	Nylon ripstop fabric coated with nickel over silver (also available with water-repellent coating and in tape form with nonconductive PSA)
Avg. Thickness, mils:	4 (100 um) $\pm$ 10%
Basis Weight, oz/yd <sup>2</sup>	1.4 (47 g/m <sup>2</sup> ) $\pm$ 10%
Width, in (nominal)	52 (132 cm) $\pm$ 1
Avg. Surface Resistivity, ohm/sq	<0.3
Avg. Shielding Effectiveness from 30 MHz to 10 GHz, db	60
Metal Adhesion*:	Pass, no metal loss
Abrasion Resistance, cycles:	1,000,000
Cold Exposure*:	No cracking
Salt Fog Resistance*:	Pass
Short-term Temperature Range, °C:	-40 to 100
Avg. Master Roll Length, yd.:	218 (200 m, avg. one splice/100 m)

\*Metal adhesion per ASTM D3359, Salt fog resistance 48-hour per ASTM B117; cold exposure test samples chilled to -45°C, then flexed 180° around a 1/8" diameter rod while at -45°C.

The information provided here is for illustrative purposes only and should not be considered a product specification. As always, it is up to the user of this product to make the final determination as to whether the said product is suitable for the user's intended application.

Rev. 10/18

13621 Riverway Dr.  
Suite H  
Chesterfield, MO 63017

Tel: 314-878-9190  
Fax: 314-878-9558  
Email: [info@marktek-inc.com](mailto:info@marktek-inc.com)

[www.Marktek-Inc.com](http://www.Marktek-Inc.com)