

# Marktek Inc.

Your One-Stop Shop for EMI-Shielding, Conductive, Resistive, & Microwave-Absorptive Materials

## Data Sheet for Nickel-coated Carbon Nonwovens NC10004xxxT

**Description:** Wet-laid nonwoven of chopped Ni/Carbon fiber staple (~50% Ni, 7-um diameter, 3-25 mm) with 10-20% x-linked polyester binder. Basis weights from 8 g/m<sup>2</sup> up to 34 g/m<sup>2</sup> available.

### Part Number

<u>Property</u>	<u>NC10004008T</u>	<u>NC10004011T</u>	<u>NC10004020T</u>
Thickness, mils:	~3.5 (0.09 mm)	~4 (0.1 mm)	~6 (0.15 mm)
Basis Weight, oz/yd <sup>2</sup>	0.24 (8 g/m <sup>2</sup> )	0.32 (11 g/m <sup>2</sup> )	0.6 (20 g/m <sup>2</sup> )
Avg. Surf. Resistivity, ohm/sq:	<4	<3.5	<2.5
Shielding Effectiveness @ 1 GHz, dB	NA	30-35	NA
Width, inches:	up to 62 (1.57 m)	up to 62 (1.57 m)	up to 62 (1.57 m)
Tensile/Break Strength, min. Machine Direction, lb/in:	1.9 (3.3 N/cm)	3.0 (5.3 N/cm)	3.8 (6.7 N/cm)

All statements and data given herein are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied, and should not be considered as specifications. Statements or suggestions concerning possible use of this product are made without representation or warranty that use is free of patent infringement. It is up to the user of this product to determine if the product is fully qualified for the intended application and that all normal safety measures are practiced when handling this product.

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)

