

# Marktek Inc.

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

## Data Sheet for GC604001020T Glass-Carbon Nonwoven

**Description:** Wet-laid nonwoven consisting of 60% E-glass fiber and 40% 7- um-diameter carbon fiber staple (0.5" each) with PVA binder. (Other binders are available.)

Part Number GC604001020T

### Property

|  |                            |
|--|----------------------------|
| Percentage Carbon, %                                     | 40                         |
| Thickness, mils:   | ~8 (0.20 mm)               |
| Basis Weight, oz/yd <sup>2</sup> :                       | 0.6 (20 g/m <sup>2</sup> ) |
| Width, inches:   | up to 64 (1.62 m)          |
| Avg. Surface Resistivity, ohm/sq:                        |                            |
| MD   | 12                         |
| CD   | 20                         |
| Breaking/Tensile Strength                                |                            |
| MD, lb/in:   | > 10 (> 23 N/cm)           |
| Air Permeability, ft <sup>3</sup> /min/ft <sup>2</sup> : | NA                         |

**Applications:** static dissipative layers, surface veils for electrical grounding, corrosion resistance, improving surface finish of linings, resistive heating, and radar-absorbing materials (RAM).

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Rev. 0214

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