

## Marktek Inc.

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

### Data Sheet for Electrically Conductive Hook & Loop

Description:	Hook - woven nylon base, 330 hooks per square inch, coated with silver Loop - woven nylon base and loops coated with silver
Standard Widths, in:	5/8 (16 mm), 1.2(30 mm), 2 (50 mm)
Part Numbers:	Hook – SH16 (5/8"), SH30 (1.2"), or SH50 (2" wide) Loop - SL16 (5/8"), SL30 (1.2"), or SL50 (2" wide)
Height, mils:	Hook - 78(2 mm)      Loop - 110(2.8 mm)
Thickness when mated, mils:	125 (3.2 mm)
Weight when mated, oz/in <sup>2</sup> :	0.015 (0.066 g/cm <sup>2</sup> )
Packaging:	25 m (27.5 yd) per reel (custom lengths available at additional cost)
Max. Surface Resistivity, $\Omega$ /sq:	Hook - 1.8      Loop - 1.4
Closure Through Resistance, $\Omega$ :	0.8
Cycle Life*:	7000
Shear Strength, lb/in <sup>2</sup>	
Fresh State:	12.3(84.8 kPa)
After 5000 cycles:	6.7(46.2 kPa)
Peel Strength, lb/in width	
Fresh State:	1.2(2.1 N/cm)
After 5000 cycles:	0.8(1.4 N/cm)

(All tests performed at 70°F(21°C) and 65% RH and reported as averages)

\* Number of openings and closings (matings).

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13621 Riverway Dr.  
Suite H  
Chesterfield, MO 63017

Tel: 314-878-9190  
Fax: 314-878-9558  
E-mail: info@marktek-inc.com

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