

# DESCO INDUSTRIES INCORPORATED

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## QUALIFICATION REPORT DESCO ESD CUT-RESISTANT GLOVES

DESCO Specification	DESCO Test Results	Test Methods
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Surface Resistance (ohms), 48-72 hours conditioning, N=6 specimens, 100V

@ 12% RH, 23°C	< 1.0x10 <sup>9</sup>	See Table 1	ANSI/ESD STM11.11
@ 50% RH, 23°C	< 1.0x10 <sup>9</sup>	See Table 1	ANSI/ESD STM11.11

**Test Equipment (Calibration records and test results are located at the corporate lab (Sanford, NC)):**

For Test Method ANSI/ESD STM11.11:

- ETS Controlled Environment Chamber (Model 5532)
- SCS Surface Resistance Meter (Model 770761)
- SCS Concentric Ring Probe (Model 770007)

**Table 1: Test Results**

Specimen	Interior @ 12%RH, 23°C	Exterior @ 50%RH, 23°C
1	1.71 x 10 <sup>6</sup>	1.37 x 10 <sup>6</sup>
2	1.56 x 10 <sup>6</sup>	5.70 x 10 <sup>6</sup>
3	4.05 x 10 <sup>6</sup>	2.44 x 10 <sup>6</sup>
4	1.12 x 10 <sup>6</sup>	2.08 x 10 <sup>6</sup>
5	9.34 x 10 <sup>5</sup>	1.03 x 10 <sup>6</sup>
6	1.46 x 10 <sup>6</sup>	1.57 x 10 <sup>6</sup>
<b>Min=</b>	9.34 x 10 <sup>5</sup>	1.03 x 10 <sup>6</sup>
<b>Max=</b>	4.05 x 10 <sup>6</sup>	5.70 x 10 <sup>6</sup>
<b>Mean=</b>	1.81 x 10 <sup>6</sup>	2.37 x 10 <sup>6</sup>

**Table 2: Desco ESD Cut-Resistant Gloves**

Item	Size	Length*	
17137	Small	8-1/4"	210 mm
17138	Small	8-5/8"	220 mm
17139	Medium	9"	230 mm
17140	Large	9-1/2"	240 mm
17141	X-Large	9-7/8"	250 mm
17142	XX-Large	10-1/4"	260 mm

\*Length is measured from the tip of the fingers to the bottom of the glove.  
 Tolerance: ±3/8"