



DESCO INDUSTRIES INC

3651 WALNUT AVENUE, CHINO, CA 91710 • PHONE (909) 627-2453 • [MENDATools.com](http://MENDATools.com)

## QUALIFICATION REPORT – ANSI/ESD S20.20 durAstatic® TRIGGER SPRAYER BOTTLES

ANSI/ESD S20.20	MENDA Test Results	Test Methods
-----------------	--------------------	--------------

Surface Resistance (ohms), 48-72 hours conditioning, N=6 specimens, 100V

@ 12% RH, 23°C	> 1.0 x 10 <sup>4</sup> and < 1.0 x 10 <sup>11</sup>	See Table 1	ANSI/ESD STM11.11
@ 50% RH, 23°C	> 1.0 x 10 <sup>4</sup> and < 1.0 x 10 <sup>11</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:

Surface Resistance (ohms), 48-72 hours of conditioning

Specimen	Testing at 12% RH, 23°C	Testing at 50% RH, 23°C
1	8.03 x 10 <sup>9</sup>	1.96 x 10 <sup>9</sup>
2	5.39 x 10 <sup>9</sup>	8.97 x 10 <sup>8</sup>
3	2.03 x 10 <sup>9</sup>	3.52 x 10 <sup>8</sup>
4	7.70 x 10 <sup>9</sup>	5.91 x 10 <sup>8</sup>
5	1.92 x 10 <sup>9</sup>	5.83 x 10 <sup>8</sup>
6	1.35 x 10 <sup>9</sup>	2.96 x 10 <sup>8</sup>
<b>Min Ind=</b>	1.35 x 10 <sup>9</sup>	2.96 x 10 <sup>8</sup>
<b>Max Ind=</b>	8.03 x 10 <sup>9</sup>	1.96 x 10 <sup>9</sup>
<b>Mean of Ind=</b>	4.40 x 10 <sup>9</sup>	7.80 x 10 <sup>8</sup>
<b>Std Dev Ind =</b>	3.04 x 10 <sup>9</sup>	6.16 x 10 <sup>8</sup>

The qualification report is applicable to below durAstatic® Trigger Sprayer Bottles:

Part #	Description
35796	8 oz Yellow durAstatic® Trigger Sprayer Bottle
35797	8 oz Blue durAstatic® Trigger Sprayer Bottle
35798	16 oz Yellow durAstatic® Trigger Sprayer Bottle
35799	16 oz Blue durAstatic® Trigger Sprayer Bottle