



DESCO INDUSTRIES INC

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QUALIFICATION REPORT – ANSI/ESD S20.20

durAstatic® WASH BOTTLES

ANSI/ESD S20.20	MENDA Test Results	Test Methods
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Surface Resistance (ohms), 48-72 hours conditioning, N=6 specimens, 100V

@ 12% RH, 23°C	> 1.0 x 10 ⁴ and < 1.0 x 10 ¹¹	See Table 1	ANSI/ESD STM11.11
@ 50% RH, 23°C	> 1.0 x 10 ⁴ and < 1.0 x 10 ¹¹	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 ⁹	1.96 x 10 ⁹
2	5.39 x 10 ⁹	8.97 x 10 ⁸
3	2.03 x 10 ⁹	3.52 x 10 ⁸
4	7.70 x 10 ⁹	5.91 x 10 ⁸
5	1.92 x 10 ⁹	5.83 x 10 ⁸
6	1.35 x 10 ⁹	2.96 x 10 ⁸
Min Ind=	1.35 x 10 ⁹	2.96 x 10 ⁸
Max Ind=	8.03 x 10 ⁹	1.96 x 10 ⁹
Mean of Ind=	4.40 x 10 ⁹	7.80 x 10 ⁸
Std Dev Ind =	3.04 x 10 ⁹	6.16 x 10 ⁸

The qualification report is applicable to below durAstatic® Wash Bottles:

Part #	Description
35790	8 oz Yellow durAstatic® Wash Bottle
35791	8 oz Yellow durAstatic® Wash Bottle, Printed 'DI WATER'
35792	8 oz Yellow durAstatic® Wash Bottle, Printed 'ISOPROPANOL'
35793	16 oz Yellow durAstatic® Wash Bottle
35794	16 oz Yellow durAstatic® Wash Bottle, Printed 'DI WATER'
35795	16 oz Yellow durAstatic® Wash Bottle, Printed 'ISOPROPANOL'