



DESCO INDUSTRIES INC

3651 WALNUT AVENUE, CHINO, CA 91710 • PHONE (909) 627-2453 • MENDATools.com

QUALIFICATION REPORT – ANSI/ESD S20.20

durAstatic® SQUARE 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	2.73 x 10 ⁹	3.87 x 10 ⁸
2	2.69 x 10 ⁹	5.30 x 10 ⁸
3	5.42 x 10 ⁹	6.20 x 10 ⁸
4	4.63 x 10 ⁹	1.04 x 10 ⁹
5	4.63 x 10 ⁹	4.63 x 10 ⁸
6	4.09 x 10 ⁹	4.09 x 10 ⁸
Min Ind=	2.69 x 10 ⁹	3.87 x 10 ⁸
Max Ind=	5.42 x 10 ⁹	1.04 x 10 ⁹
Mean of Ind=	4.03 x 10 ⁹	5.75 x 10 ⁸
Std Dev Ind =	1.11 x 10 ⁹	2.43 x 10 ⁸

The qualification report is applicable to below products:

durAstatic® Dissipative Bottles with Right-To-Know Labels

Item	Description
35239	6 oz. (180mL) Blue Bottle Only, Right-To-Know Label
35240	6 oz. (180mL) Yellow Bottle Only, Right-To-Know Label
35241	6 oz. (180mL) Green Bottle Only, Right-To-Know Label
35259	6 oz. (180mL) Blue Bottle, One-Touch Pump, Right-To-Know Label



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durAstatic® Orange Dissipative Bottles

Item	Description
35270	6 oz. (180mL) Orange Bottle, One-Touch Pump
35271	6 oz. (180mL) Orange Acetone Printed Bottle, One-Touch Pump
35272	6 oz. (180mL) Orange IPA Printed Bottle, One-Touch Pump
35597	6 oz. (180mL) Orange Flux Remover Printed Bottle, One-Touch Pump

durAstatic® Green Dissipative Bottles

Item	Description
35273	6 oz. (180mL) Green Bottle, One-Touch Pump
35274	6 oz. (180mL) Green Acetone Printed Bottle, One-Touch Pump
35275	6 oz. (180mL) Green IPA Printed Bottle, One-Touch Pump
35596	6 oz. (180mL) Green Flux Remover Printed Bottle, One-Touch Pump

durAstatic® Yellow Dissipative Bottles

Item	Description
35276	6 oz. (180mL) Yellow Bottle, One-Touch Pump
35267	6 oz. (180mL) Yellow Bottle, Pure-Touch Pump
35268	6 oz. (180mL) Yellow Bottle, Pure-Take Pump
35277	6 oz. (180mL) Yellow Acetone Printed Bottle, One-Touch Pump
35278	6 oz. (180mL) Yellow IPA Printed Bottle, One-Touch Pump
35595	6 oz. (180mL) Yellow Flux Remover Printed Bottle, One-Touch Pump
35515	6 oz. (180mL) Bottle Only, Printed "DI WATER"
35514	6 oz. (180mL) Yellow DI Water Printed Bottle, One-Touch Pump

durAstatic® Blue Dissipative Bottles

Item	Description
35260	4 oz. (120mL) Blue, Bottle Only
35282	4 oz. (120mL) Blue Bottle, One-Touch Pump
35261	6 oz. (180mL) Blue Bottle Only
35283	6 oz. (180mL) Blue Bottle, One-Touch Pump
35284	8 oz. (240mL) Blue Bottle, One-Touch Pump
35285	6 oz. (180mL) Blue Bottle, Pure-Touch Pump
35286	6 oz. (180mL) Blue Bottle, Pure-Take Pump
35287	6 oz. (180mL) Blue Bottle, Take-Along Pump
35265	6 oz. (180mL) Blue, Acetone Printed Bottle Only
35298	6 oz. (180mL) Blue Acetone Printed Bottle, One-Touch Pump
35266	6 oz. (180mL) Blue, IPA Printed Bottle Only
35299	6 oz. (180mL) Blue IPA Printed Bottle, One-Touch Pump

MENDA

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35594	6 oz. (180mL) Blue Flux Remover Printed Bottle, One-Touch Pump
35513	6 oz. (180mL) Blue, DI Water Printed Bottle Only
35512	6 oz. (180mL) Blue DI Water Printed Bottle, One-Touch Pump
35262	8 oz. (240mL) Blue, Bottle Only
35288	8 oz. (240mL) Blue Acetone Printed Bottle, One-Touch Pump
35264	8 oz. (240mL) Blue, IPA Printed Bottle Only
35289	8 oz. (240mL) Blue IPA Printed Bottle, One-Touch Pump

durAstatic® Dissipative Bottles with GHS Label

Item	Description
35249	6 oz. (180mL) Yellow IPA Printed Bottle with One-Touch Pump
35252	6 oz. (180mL) Orange IPA Printed Bottle with One-Touch Pump
35253	6 oz. (180mL) Green IPA Printed Bottle with One-Touch Pump
35254	6 oz. (180mL) Yellow Acetone Printed Bottle with One-Touch Pump
35257	6 oz. (180mL) Orange Acetone Printed Bottle with One-Touch Pump
35258	6 oz. (180mL) Green Acetone Printed Bottle with One-Touch Pump
35730	6 oz. (180mL) Blue Acetone Printed Bottle with One-Touch Pump
35731	6 oz. (180mL) Blue Acetone Printed Bottle, Bottle Only
35732	6 oz. (180mL) Green Acetone Printed Bottle, Bottle Only
35733	6 oz. (180mL) Yellow Acetone Printed Bottle, Bottle Only
35734	6 oz. (180mL) Orange Acetone Printed Bottle, Bottle Only
35735	6 oz. (180mL) Blue IPA Printed Bottle with One-Touch Pump
35736	6 oz. (180mL) Blue IPA Printed Bottle, Bottle Only
35737	6 oz. (180mL) Green IPA Printed Bottle, Bottle Only
35738	6 oz. (180mL) Yellow IPA Printed Bottle, Bottle Only
35739	6 oz. (180mL) Orange IPA Printed Bottle, Bottle Only
35745	6 oz. (180mL) Blue IPA Printed Bottle with Pure-Touch Pump
35760	6 oz. (180mL) Blue Toluene Printed Bottle with One-Touch Pump
35761	6 oz. (180mL) Blue Toluene Printed Bottle, Bottle Only
35762	6 oz. (180mL) Green Toluene Printed Bottle, Bottle Only
35763	6 oz. (180mL) Yellow Toluene Printed Bottle, Bottle Only
35764	6 oz. (180mL) Orange Toluene Printed Bottle, Bottle Only
36192	8 oz. (240mL) Blue IPA Printed Bottle with One-Touch Pump