

QUALIFICATION REPORT – ANSI/ESD S20.20 PLASTEK™ OPEN BIN BOXES

ANSI/ESD S20.20	PROTEKTIVE PAK 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 ⁶	See Table 1	ANSI/ESD STM11.11
@ 50% RH, 23°C	< 1.0 x 10 ⁶	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	8.30 x 10 ³	6.42 x 10 ³
2	1.05 x 10 ⁴	9.11 x 10 ³
3	9.94 x 10 ³	8.49 x 10 ³
4	1.39 x 10 ⁴	7.87 x 10 ³
5	7.21 x 10 ³	6.45 x 10 ³
6	9.11 x 10 ³	7.25 x 10 ³
Min Ind=	7.21 x 10 ³	6.42 x 10 ³
Max Ind=	1.39 x 10 ⁴	9.11 x 10 ³
Mean of Ind=	9.83 x 10 ³	7.60 x 10 ³
Std Dev Ind =	2.31 x 10 ³	1.09 x 10 ³

The qualification report is applicable to below Plastek™ Open Bin Boxes Sizes:

Item	L x W x D (IN)	L x W x D (MM)
38900	12 x 2 x 4	305 x 51 x 102
38901	12 x 4 x 4	305 x 102 x 102
38902	12 x 6 x 4	305 x 152 x 102
38903	12 x 8 x 4	305 x 203 x 102
38904	18 x 4 x 4	457 x 102 x 102
38905	18 x 6 x 4	457 x 152 x 102
38906	18 x 8 x 4	457 x 203 x 102
38907	24 x 4 x 4	610 x 102 x 102
38908	24 x 6 x 4	610 x 152 x 102
38909	18 x 2 x 4	457 x 51 x 102
38910	24 x 2 x 4	610 x 51 x 102
38911	12 x 12 x 4	305 x 305 x 102
38912	18 x 12 x 4	457 x 305 x 102