

PROTEKTIVE PAK

DESCO INDUSTRIES INC

13520 MONTE VISTA AVENUE, CHINO, CA 91710 • PHONE (909) 902-9370 • ProtektivePak.com

QUALIFICATION REPORT – ANSI/ESD S20.20 ENDURA-TEK™ OPEN BIN BOX

ANSI/ESD S20.20	PROTEKTIVE PAK Test Results	Test Methods
-----------------	-----------------------------	--------------

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

@ 12% RH, 23°C	< 1.0 x 10 ⁴	See Table 1	ANSI/ESD STM11.11
@ 50% RH, 23°C	< 1.0 x 10 ⁴	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	@ 12% RH, 23°C	@ 50% RH, 23°C
1	2.86 x 10 ³	3.88 x 10 ³
2	4.54 x 10 ³	3.31 x 10 ³
3	4.31 x 10 ³	3.66 x 10 ³
4	4.26 x 10 ³	4.07 x 10 ³
5	4.04 x 10 ³	3.70 x 10 ³
6	4.34 x 10 ³	4.02 x 10 ³
Min Ind=	2.86 x 10 ³	3.31 x 10 ³
Max Ind=	4.54 x 10 ³	4.07 x 10 ³
Mean of Ind=	4.06 x 10 ³	3.77 x 10 ³
Std Dev Ind =	6.09 x 10 ²	2.80 x 10 ²

The qualification report is applicable to below Endura-Tek™ Open Bin Box Sizes:

Item No.	Size (in.)
39420	12 x 4 x 4
39421	12 x 6 x 4
39422	12 x 8 x 4
39423	18 x 6 x 4
39424	18 x 8 x 4
39425	18 x 12 x 4
39426	24 x 6 x 4