

# PROTEKTIVE PAK

DESCO INDUSTRIES INC

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## QUALIFICATION REPORT – ANSI/ESD S20.20 KITTING TRAYS

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	> $1.0 \times 10^4$ and < $1.0 \times 10^{11}$	See Table 1	ANSI/ESD STM11.13
@ 50% RH, 23°C	> $1.0 \times 10^4$ and < $1.0 \times 10^{11}$	See Table 1	ANSI/ESD STM11.13

**Test Equipment (Calibration records and test results are located at the corporate lab (Sanford, NC)):**

For Test Method ANSI/ESD STM11.13:

- ETS Controlled Environment Chamber (Model 5532)
- SCS Surface Resistance Meter (Model 770761)
- SCS Two-Point Resistance Probe (Model 770757)

### **Table 1: Test Results:**

Test Date: 2024-06-14 & 2024-06-17

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

Specimen	@ 12% RH, 23°C	@ 50% RH, 23°C
1	$5.47 \times 10^5$	$3.63 \times 10^5$
2	$5.11 \times 10^5$	$9.02 \times 10^5$
3	$3.46 \times 10^5$	$4.77 \times 10^5$
4	$1.28 \times 10^6$	$1.25 \times 10^6$
5	$6.96 \times 10^5$	$1.21 \times 10^6$
6	$2.20 \times 10^6$	$1.29 \times 10^6$
Min Ind=	$3.46 \times 10^5$	$3.63 \times 10^5$
Max Ind=	$2.20 \times 10^6$	$1.29 \times 10^6$
Mean of Ind=	$9.30 \times 10^5$	$9.15 \times 10^5$
Std Dev Ind =	$7.00 \times 10^5$	$4.09 \times 10^5$

**PROTEKTIVE PAK Kitting Trays is available in below sizes:**

Item No.	Size (inches)	Cavity Size (inches)	# of Cavities
39206	10-1/2" x 8-3/4" x 1-1/2"	2" x 1-7/8" x 1"	12
39201	14-1/2" x 10-1/8" x 1-7/8"	3-1/2" x 2-3/4" x 1-1/4"	9
39202	14-3/8" x 10-1/8" x 1-3/4"	3" x 3" x 1-1/4"	12
39209	9-7/8" x 7-9/16" x 1"	3" x 1-1/2" x 1"	10