

# PROTEKTIVE PAK

DESCO INDUSTRIES INC

13520 MONTE VISTA AVENUE, CHINO, CA 91710 • PHONE (909) 902-9370 • [ProtektivePak.com](http://ProtektivePak.com)

## QUALIFICATION REPORT – ANSI/ESD S20.20

### PROTEKTIVE PAK BLACK LEAD INSERTION GRADE CONDUCTIVE FOAM

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 <sup>4</sup>	See Table 1	ANSI/ESD STM11.11
@ 50% RH, 23°C	< 1.0 x 10 <sup>4</sup>	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	1.37 x 10 <sup>3</sup>	1.58 x 10 <sup>3</sup>
2	1.21 x 10 <sup>3</sup>	1.19 x 10 <sup>3</sup>
3	2.45 x 10 <sup>3</sup>	1.78 x 10 <sup>3</sup>
4	1.05 x 10 <sup>3</sup>	1.09 x 10 <sup>3</sup>
5	1.44 x 10 <sup>3</sup>	1.34 x 10 <sup>3</sup>
6	1.01 x 10 <sup>3</sup>	1.00 x 10 <sup>3</sup>
Min Ind=	1.01 x 10 <sup>3</sup>	1.00 x 10 <sup>3</sup>
Max Ind=	2.45 x 10 <sup>3</sup>	1.78 x 10 <sup>3</sup>
Mean of Ind=	1.42 x 10 <sup>3</sup>	1.33 x 10 <sup>3</sup>
Std Dev Ind =	5.32 x 10 <sup>2</sup>	3.00 x 10 <sup>2</sup>

**PROTEKTIVE PAK Black Lead Insertion Grade Conductive Foam is available in below sizes:**

Item No.	Thickness (in.)	Size (in.)
37640	1/4	2-7/16 x1
37641	1/4	3-3/16 x 1
37643	1/4	3-3/16 x 1-7/8
37644	1/4	3-1/2 x 3-1/2
37646	1/4	3-3/4 x 2-3/4
37642	1/4	4-3/16 x 1-1/4
37645	1/4	6-3/4 x 3-3/8
37704*	1/8	36 x 60
37705*	1/4	36 x 60
37708*	5/16	36 x 60
37706*	3/8	36 x 60
37707*	1/2	36 x 60

Thickness is +/- 1/16"

\*Dimensions are nominal; thickness is +/- 1/16"