

PROTEKTIVE PAK

DESCO INDUSTRIES INC

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

QUALIFICATION REPORT – ANSI/ESD S20.20

PLASTEK™ STORAGE CONTAINERS

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

Surface Resistance (ohms), @ 12%RH, 23°C, 48-72 hours conditioning, N=6 specimens, 100V

Container	< 1.0 x 10 ⁶	See Table 1	ANSI/ESD STM11.11
Static Dissipative Black Foam	> 1.0 x 10 ⁴ to < 1.0 x 10 ¹¹	See Table 1	ANSI/ESD STM11.11

Surface Resistance (ohms), @ 50%RH, 23°C, 48-72 hours conditioning, N=6 specimens, 100V

Container	< 1.0 x 10 ⁶	See Table 1	ANSI/ESD STM11.11
Static Dissipative Black Foam	> 1.0 x 10 ⁴ to < 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	
	Container	Foam	Container	Foam
1	8.30 x 10 ³	2.91 x 10 ⁵	6.42 x 10 ³	1.94 x 10 ⁵
2	1.05 x 10 ⁴	2.45 x 10 ⁵	9.11 x 10 ³	2.87 x 10 ⁵
3	9.94 x 10 ³	3.86 x 10 ⁵	8.49 x 10 ³	1.92 x 10 ⁵
4	1.39 x 10 ⁴	1.87 x 10 ⁵	7.87 x 10 ³	3.39 x 10 ⁵
5	7.21 x 10 ³	2.22 x 10 ⁵	6.45 x 10 ³	9.21 x 10 ⁵
6	9.11 x 10 ³	3.91 x 10 ⁵	7.25 x 10 ³	1.97 x 10 ⁵
Min Ind=	7.21 x 10 ³	1.87 x 10 ⁵	6.42 x 10 ³	1.92 x 10 ⁵
Max Ind=	1.39 x 10 ⁴	3.91 x 10 ⁵	9.11 x 10 ³	9.21 x 10 ⁵
Mean of Ind=	9.83 x 10 ³	2.87 x 10 ⁵	7.60 x 10 ³	3.55 x 10 ⁵
Std Dev Ind =	2.31 x 10 ³	8.56 x 10 ⁴	1.09 x 10 ³	2.84 x 10 ⁵

The qualification report is applicable to below Plastek™ Storage Containers Sizes:

Item	L x W x D (IN)	Lid**	Foam**
39106	17 x 13 x 6-3/4	39130	37452
39107	17 x 13 x 8-3/4	39130	37452
39108	17 x 13 x 10-3/4	39130	37452
39105•	17 x 13 x 14-3/4	39130	37452
39115•	18-3/8 x 12-3/8 x 6-3/4	39132	37454
39113	18-3/8 x 12-3/8 x 12-3/4	39132	37454
39116	18-3/8 x 12-3/8 x 17-1/8	39132	37454
39102	18-3/8 x 12-3/8 x 18-3/4	39132	37454
39103	18-5/8 x 15 x 5-7/8	39133	37455

• These items are made to order

** Lid and foam pad are sold separately

Item	L x W x D (IN)	Lid**	Foam**
39122	18-5/8 x 15 x 8	39133	37455
39119	18-5/8 x 15 x 10	39133	37455
39120	18-5/8 x 15 x 12	39133	37455
39121	18-5/8 x 15 x 14	39133	37455
39111	22-7/8 x 12-7/8 x 6	39131	37453
39112	22-7/8 x 12-7/8 x 8	39131	37453
39109	22-7/8 x 12-7/8 x 10	39131	37453
39101	22-7/8 x 12-7/8 x 12-5/8	39131	37453
39110	22-7/8 x 12-7/8 x 15-1/4	39131	37453
39104	22-7/8 x 12-7/8 x 18-1/4	39131	37453