



Description:

As required by ANSI/ESD S20.20 Packaging standard ANSI/ESD S541 these conductive boxes are marked with the ESD protective symbol. They contain one piece of high density foam for insertion of component leads and one piece of low density foam which acts as a cushioning material.

[57000](#) has only 1 piece of foam, all other sizes have 2 pieces of foam.

*Low density foam not included in item [57000](#)

Properties:

Material:	Black conductive polypropylene
Resistance:	Less than 1 x10E5 ohms (per ANSI EOS/ESD S11.11)
Size Tolerance:	± 1/32"
Temperature Limits:	0° to 120° F
Hinge:	Molded one-piece (57000-57006), Pin two-piece (57008-57012)
Closure:	Snap
Top Foam:	1/4" (.25", 6mm) thick low density foam
Bottom Foam:	1/4" (.25", 6mm) thick high density foam

ITEM NO.	INSIDE DIMENSIONS WITHOUT FOAM	
	SIZE - MM	SIZE - INCHES
*		
57000	33 x 33 x 12	1.3 x 1.3 x 0.46
57002	73 x 51 x 16	2.9 x 2 x 0.63
57004	90 x 64 x 16	3.5 x 2.5 x 0.63
57006	107 x 82 x 13	4.2 x 3.2 x 0.52
57010	229 x 126 x 21	9 x 5 x 0.81
57008	229 x 126 x 30	9 x 5 x 1.19
57012	229 x 126 x 40	9 x 5 x 1.58

* All boxes have the ESD Protective Symbol molded into them. 

ANSI/ESD S541 section 6.1 Inside an EPA "Packaging used within an EPA (that satisfies the minimum requirements of ANSI/ESD S20.20) shall be:

1. Low charge generation.
2. Dissipative or conductive materials for intimate contact."

ANSI/ESD S541 section 7.2.2 Resistance of Dissipative Materials "A static dissipative material shall have a surface resistance of greater than or equal to 1.0 x 10^4 Ohms but less than 1.0 x 10^11 Ohms. Packaging materials that are in intimate contact with devices should be dissipative."



Made in America

Specifications and procedures subject to change without notice

Conductive Hinged Box with Foam

PROTEKTIVE PAK
13520 MONTE VISTA AVENUE, CHINO, CA 91710
PHONE (909) 627-2578, FAX (909) 363-7331
ProtektivePak.com

DRAWING NUMBER
57000

DATE:
April
2010

PROTEKTIVE PAK

Mouser Electronics

Authorized Distributor

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[Protektive Pak:](#)

[57012](#)