

*Product*

Caddy-Pack MX®

Shielding Transporter with Metalized Cushioning and Sleeves

*Description*

A cushioned two-piece pack designed to provide ESD and physical protection plus EMI and RF shielding to sensitive devices.

*Product Design*

- Two part system consisting of a corrugate transporter (MX) and sleeve (B).
- Transporter lined with a piece of static-free cushioning installed lengthwise and a piece of static-free cushioning with a metalized (shielding) top film crosswise.
- Transporter has a Hook ‘N’ Loop™ closure.

*Material Specifications*

- The Transporter and Sleeve are constructed of a 200 pound burst test kraft corrugate.
- The Pack complies with Fed. specification PPP-B-636 requirements.
- The Transporter length piece lining is Cancel® 3 Static Free Cushioning that meets the requirements of the CID-A-A-3129A and PPP-C-1842B Federal Specifications.
- The cross piece lining of the transporter is Cancel® 3 Metalized Cushioning.

*Free-Fall Drop Test per Federal Test Standard 101C*

	<b>Impact Force</b>		
	.2 lbs.	.5 lbs.	1.0 lbs
Peak G's Registered			
At Top and bottom surfaces	67	117	118
At long edges	42	48	37
At short edges	42	38	24

*Electrical Properties*

Average Surface Resistivity (ASTM-D-257)	
Buried Metal Layer	100 ohms / sq.
Polyester Side	<1 X 10 E 12
Polyethylene side	<1 X 10 E 12
Capacitive Probe per EIA 541	
Using 1.5 K ohms	< 10 volts

*ESD Evaluation Summary (ADE, Inc. Protocol)*

<i>ESD Criteria</i>	<i>result</i>
Anti-static or non-charging	<50 Volts
DC, or static field shielding	98.6 %
“arc drawing”	none
EMI Shielding @ 27 mHz	10 dB
RFI Shielding @ 390 mHz	4 dB

*Available Stock Put-ups (transporter I.D.)*

<i>Size</i>	<i>case qty.</i>	<i>"MX"transporters</i>	<i>case wt.</i>	<i>"B" sleeves</i>	<i>case wt.</i>
8" X 6" X 1.25"	100	28-11-080060	18	22-11-080060	11
12" X 8" X 1.25"	100	28-11-120080	35	22-11-120080	24
14.5" X 6.5" X 1.625"	65	28-11-145065	25	22-11-145065	17
12" X 12" X 1.25"	65	28-11-120120	33	22-11-120120	21
16" X 12" X 1.25"	50	28-11-160120	35	22-11-160120	22
18" X 12" X 2"	30	28-11-180120	25	22-11-180120	16
20" X 10" X 2.25"	25	28-11-200100	20	22-11-200100	13