

Description:

This foam is suitable for protection of static sensitive devices and assemblies, shunting of IC leads, and cushion packaging. It is non-sloughing, non-contaminating, and non-corrosive. The material will thermoform into simple shapes.



Features:

- Ideal for lead insertion packaging, providing ESD and physical protection to component leads
- Shuntable, brings leads to equipotential, minimizing exposure to discharge
- Conductive crosslink polyethylene foam, $RTT < 10^4$ ohms
- Non-contaminating, corrosion resistant, will not affect solderability
- Cross linked foam will not particulate; the choice for critical environments
- 3.1 lb/ft density
- Available in small, ready-to-use pieces

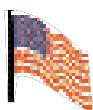
Specifications:

Property	Test Method	Results
Density	ASTM D3575-84	3.1 lb/ft ³
Volume Resistivity	ASTM D991-86	<1 x 10 ⁴
Corrosivity	TS 1021BA (UK MOD)	Pass
Water Extract	TS 1021BA (UK MOD)	Pass
Total Chlorine	TS 1021BA (UK MOD)	Pass
Recommended Operating Temperature Range	Internal	+200°F to -85°F
Compression Set	ASTM D3575-84	19.5 psi
Tear Strength	ASTM D3575-84	16 lbf/in
Tensile Strength	ASTM D2575-84	85 psi

Item No.	Thickness	Size (in.)
37640	1/4	2-7/16 x 1
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"



Made in America

Special and die cut sizes available on a quotation basis.

Black Lead Insertion Grade Conductive Foam

PROTEKTIVE PAK

PROTEKTIVE PAK
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DRAWING NUMBER
37640

DATE:
3/06

Mouser Electronics

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