

## 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
- Shunttable, brings leads to equipotential, minimizing exposure to discharge
- Conductive crosslink polyethylene foam, RTT < 10<sup>4</sup> 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

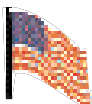
## Specifications:

Property	Test Method	Results
Density	ASTM D3575-84	3.1 lb/ft <sup>3</sup>
Volume Resistivity	ASTM D991-86	<1 x 10 <sup>4</sup>
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.)
<b>37640</b>	1/4	2-7/16 x 1
<b>37641</b>	1/4	3-3/16 x 1
<b>37643</b>	1/4	3-3/16 x 1-7/8
<b>37644</b>	1/4	3-1/2 x 3-1/2
<b>37646</b>	1/4	3-3/4 x 2-3/4
<b>37642</b>	1/4	4-3/16 x 1-1/4
<b>37645</b>	1/4	6-3/4 x 3-3/8
<b>37704*</b>	1/8	36 x 60
<b>37705*</b>	1/4	36 x 60
<b>37708*</b>	5/16	36 x 60
<b>37706*</b>	3/8	36 x 60
<b>37707*</b>	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

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**DRAWING NUMBER**  
37640

**DATE:**  
3/06