

Conductive Flexible Polyurethane Foam

Description:

Foamtech has developed and engineered a premium quality Conductive Polyurethane Foam suitable for protection of static susceptible devices and assemblies, Foamtech's Conductive Foam is non-corrosive, does not particulate and there is no sloughing or degradation. These are two types of Conductive Foam; Low Density and High Density.

Low Density: Soft and pliable, specifically designed for packaging and transportation of printed circuit boards, computers chips and highly sensitive components.

High Density: Firm and rigid, for IC chips, printed circuit boards, and other static susceptible electronic devices for lead insertion. When all leads are inserted in foam, terminals are brought to equipotential and electrostatic discharged is minimized.

Sizes:

Standard: Available in standard sheet size- 24" x 36", 1/4"- 1" thick (in increments of 1/8").

Custom: Foam can be made in any custom size or thickness. Specialized die cutting, convoluting, or laminating to any substrate can be accommodated.

Tolerance: +/- 1/16" on length and width

Specifications:

Polyurethane open cell, carbon impregnated, color; Black

	Low Density	High Density
Density:	15 lbs/ft ³	2.5 lbs/ft ³
Tensile strength	15 PSI min	20 PSI min
Elongation	250% min	150% min
Surface Resistivity	10 ³ - 10 ⁵ ohms/ sq	10 ³ - 10 ⁵ ohms/sq
Volume Resistance	10 ³ - 10 ⁵ ohms/ sq	10 ³ - 10 ⁵ ohm/ sq
Recommended Temp	-20 ° F to +250° F	-20° F to +250° F

Meets military specifications

Foamtech, believes in good faith that the information contained herein is accurate to the best of its knowledge, but Foamtech, does not assume any legal or other responsibility with respect thereto or for the use or reliance thereon. Upon purchase of any products from Foamtech, the customer represents the warrants to Foamtech, that such customer has tested the product for its own use and has determined that the product is suitable for such intended use.

URETHANE FOAM IS FLAMMABLE AND SHOULD NOT BE EXPOSED TO FLAME OR ANY OTHER IGNITION SOURCE.



1 Nursery Lane, Fitchburg MA 01420
Tel: 978-343-4022 * Fax: 978-342-8430 * www.foamtechna.com