



## 4lbs Polyethylene Foam

**High Density Polyethylene Foam is a durable, lightweight, flexible, solid extruded product.**

Polyethylene foam has outstanding dimensional stability and recovery characteristics that provide optimal cushioning protection against repeated impacts. It is ideal for cushion packaging and is used in many applications, including computer, automotive, construction and recreation.

Polyethylene foam is also ideally suited as a component material in products requiring a shock absorbing, vibration dampening, insulation, barrier and/or buoyancy component.

As the properties listed on the reverse suggest, the key features of polyethylene foam include:

- Excellent strength
- Resistance to creep under load
- Vibration and shock absorbency
- Water resistance characteristics

Polyethylene foam is also available with anti-static properties to safely protect sensitive electronic equipment during shipment and storage.

### Environmental Summary

Source Reduction	Re-Use	Recycle
Owing to the high performance cushioning of Polyethylene plank, less material is required per package.	Sealed Air Polyethylene foams are designed to withstand multiple drops resulting in a pack that can be used many times.	Sealed Air polyethylene foams are non-crosslinked produced from a low density polyethylene (LDPE). A material that can be recycled.

**Foam N' More**  
**1177 W Maple Rd**  
**Cawson, MI 48017**  
**P: 248-837-243**

TYPICAL PROPERTIES (Not product Specification Limits)	TYPICAL MEASUREMENTS (not product Specification Limits)	
Compressive Strength (psi) Vertical @ 25% Vertical @ 50%	ASTM D3575-08 Suffix D	17 28
Compressive Set (%)	ASTM D3575-08 Suffix B	<15
Compressive Creep (%) (@ 5.0 psi/1000 hours)	ASTM D3575-08 Suffix BB	<10
Tensile Strength @ 1/2 " thickness	ASTM D3575-08 Suffix T	50
Tear Residence (lb/in) Across grain @ 1/2" thickness	ASTM D3575-08 Suffix G	19
Density (lb/ft <sup>3</sup> )	ASTM D3575-08	4.0
Cell Size (mm)	ASTM D3575-04 Modified	1.4
Water Absorption (lb/ft <sup>2</sup> )	ASTM D3575-08 Suffix L	<0.2
Thermal Stability (%)	ASTM D3575-08 Suffix S	<2
Static Decay* (sec) (Anti-Static Grade)	EIA Std. 541 Append. F	<2
Surface Resistivity* (ohms/sq) (Anti-Static Grade)	EIA Std. 541 Sect. 4.3	1.0 x 10 <sup>9</sup> -1.0 x 10 <sup>13</sup>
Thermal Conductivity (k value) BTU-IN/HR-FT <sup>2</sup> -°F	ASTM C518-91	.43
Thermal Resistivity (R value) HR-FT <sup>2</sup> -°F/BTU	ASTM C518-91	2.3

## 6LBS Polyethylene Foam

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TYPICAL PROPERTIES (Not product Specification Limits)	TYPICAL MEASUREMENTS (not product Specification Limits)	
Compressive Strength (psi) Vertical @ 25% Vertical @ 50%	ASTM D3575-08 Suffix D	28 45
Compressive Set (%)	ASTM D3575-08 Suffix B	<15
Compressive Creep (%) (@ 5.0 psi/1000 hours)	ASTM D3575-08 Suffix BB	<10
Tensile Strength @ 1/2 " thickness	ASTM D3575-08 Suffix T	80
Tear Residence (lb/in) Across grain @ 1/2" thickness	ASTM D3575-08 Suffix G	30
Density (lb/ft <sup>3</sup> )	ASTM D3575-08	6.0
Cell Size (mm)	ASTM D3575-04 Modified	1.2
Water Absorption (lb/ft <sup>2</sup> )	ASTM D3575-08 Suffix L	<0.2
Thermal Stability (%)	ASTM D3575-08 Suffix S	<2
Static Decay* (sec) (Anti-Static Grade)	EIA Std. 541 Append. F	<2
Surface Resistivity* (ohms/sq) (Anti-Static Grade)	EIA Std. 541 Sect. 4.3	1.0 x 10 <sup>9</sup> -1.0 x 10 <sup>13</sup>
Thermal Conductivity (k value) BTU-IN/HR-FT <sup>2</sup> -°F	ASTM C518-91	.43
Thermal Resistivity (R value) HR-FT <sup>2</sup> -°F/BTU	ASTM C518-91	2.3