

# Foam N More Upholstery

## Polyethylene Foam Products

### 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 easily be recycled.

### **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 it 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 fire-retardant and anti-static properties to safely protect sensitive electronic equipment during shipment and storage.

## TYPICAL PHYSICAL PROPERTIES CHART OF POLYETHYLENE

TYPICAL MEASUREMENTS (Not Product Specification Limits) &	TYPICAL PROPERTIES (Not Product Specification Limit)	
Compression Strength (psi) Vertical @ 25% Vertical @ 50%	ASTM D3575-08 Suffix D	9 18
Compression Set (%)	ASTM D3575-08 Suffix B	<20
Compression Creep (%) (@ 2.5 psi/ 1000 hours)	ASTM D3575-08 Suffix BB	<10
Tensile Strength @ 1/2" Thickness	ASTM D3575-08 Suffix T	32
Tear Resistance (lb/ft) Across grain @1/2" Thickness	ASTM D3575-08 Suffix G	10
Density (lb/ft)	ASTM D 3575-08	2.2
Cell Size (mm)	ASTM D3575-04 Modified	1.5
Water Absorption (lb/ft)	ASTM D3575-08 Suffix L	<0.3
Thermal Stability	ASTM D3575-08 Suffix S	<2
Static Decay (sec) (Anti-Static Grade)	EIA Std. 541 Append F	<2
Surface Resistivity (ohms/sq)	EIA Std. 541 Sect. 4.3	1.0 x 10 - 1.0 x 10
Thermal Conductivity (k value) BTN-IN/HR-FT	ASTM C518-91	.43
Thermal Resistivity (R value)	ASTM C518-91	2.3

**Colors available in the polyethylene is black, white, pink, blue.**

The data presented for this product is for unfabricated polyethylene foam products. While values shown are typical of the product, they should not be construed as specification limits.