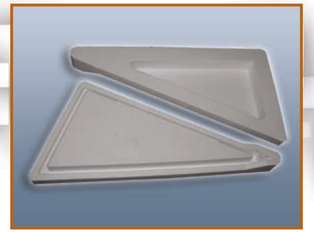


Features & Benefits

- Extremely light for minimal shipping weight
- Profile custom cut to your product/package design
- No expensive tooling or start-up costs
- Absorbs shocks, cushions impact
- Easy to handle
- Recyclable, contains no CFC's or HCFC's

GREEN ASPECTS OF EXPANDED POLYSTYRENE

Falcon Foam leads the industry in the development of environmentally friendly Expanded Polystyrene (EPS) insulation products. Expanded Polystyrene is made without ozone depleting chemicals like CFCs or HCFCs. Falcon Foam Expanded Polystyrene insulation is 100% recyclable. EPS production uses less than 0.1% of this country's petroleum. The raw material Falcon Foam uses to manufacture EPS insulation also incorporates recycled material.

Falcon Foam Typical Physical Properties

Properties	Units	ASTM Test	ASTM Designations						
			Type XI	Type I	Type VIII	Type II	Type IX	Type XIV	Type XV
ASTM Density	pcf (min)	C 303 or D 1622	0.70	0.90	1.15	1.35	1.80	2.40	2.85
Common Designation	pcf		0.75#	1#	1.25#	1.5#	2#	2.5#	3#
Thermal Resistance Values	at 75°F	C 177 or C 518	3.20	3.85	3.92	4.20	4.36	4.40	4.40
	at 40°F	C 177 or C 518	3.50	4.22	4.35	4.55	4.66	4.70	xxx
	at 25°F	C 177 or C 518	3.90	4.40	4.55	4.82	4.94	4.96	xxx
Compressive 10% Deformation	psi	D1621	8.0	12.0	16.5	20.0	28.0	45.0	60.0
Flexural Strength	psi	C203	18.0	29.0	35.0	42.0	55.0	75.0	95.0

*The physical properties listed above are presented as typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation. This data is offered as a service to our customers and is subject to change. All information can be confirmed by contacting Falcon Foam's Technical Department.

For further information contact us at:

WEST
7700 Irvine Center Drive
Irvine, CA 92618-2923
Tel: (866) 811-9517
Fax: (619) 241-8310

CENTRAL
911 Industrial Drive
Perryville, MO 63775
Tel: (800) 888-2332
Fax: (573) 547-1027

EAST
8240 Byron Center Road SW
Byron Center, MI 49315
Tel: (800) 917-9138
Fax: (800) 626-9942

ARC-2199-04 4/09

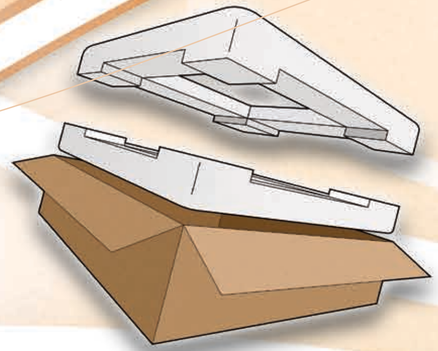
hcfc-free "green" expanded polystyrene insulation

EXPANDED POLYSTYRENE FOR CUSTOM PACKAGING APPLICATIONS

Custom Packaging Solutions

Expanded Polystyrene Insulation

FalconPak EPS packaging material is engineered to give your product added protection during shipping, handling and storage. Extremely lightweight, FalconPak can reduce damage for a wide variety of products . . . intricate or bulky, light or heavy . . . large or small.



Assisted Design

FalconPak is fully supported by comprehensive design, manufacturing and delivery services. Our packaging specialists will work closely with you in determining the most cost-effective solution to your packaging requirements.

Falcon Foam engineers will work with you to develop a product solution that will meet your fitness for use criteria: handling and shipping needs, wall thickness, load bearing requirements, etc. Samples are available for thorough field testing.

FALCON FOAM
A DIVISION OF ATLAS ROOFING CORPORATION

FalconPak Block Solutions

GREATER PROTECTION

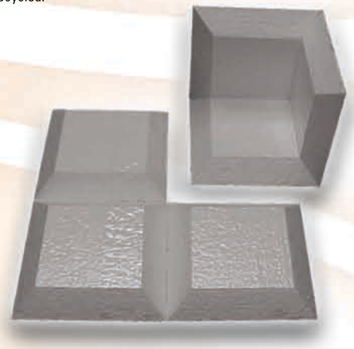
FalconPak absorbs shocks, cushions impacts and dampens vibration without losing its shape. It can withstand extraordinary stress without crushing or buckling, making FalconPak ideal for stacking in transit or during warehousing. Unlike corrugated packaging, FalconPak offers protective qualities that are virtually undiminished by age or exposure to harsh climates.

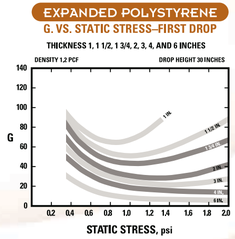
MORE COST EFFECTIVE

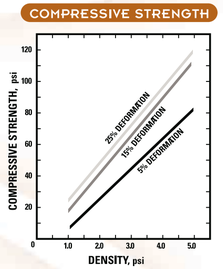
Because FalconPak does not require expensive tooling or initial design changes, it is cost effective in large and small quantities. FalconPak can simplify your entire packaging operation, reducing labor costs and minimizing waste. FalconPak adds very little weight to the overall shipping weight of your package, helping reduce freight costs.

RECYCLABLE— CONTAINS NO CFC'S OR HCFC'S

Neither Falcon Foam nor its manufacturing process emits CFC's or HCFC's into the atmosphere. Falcon Foam Insulation may be recycled.





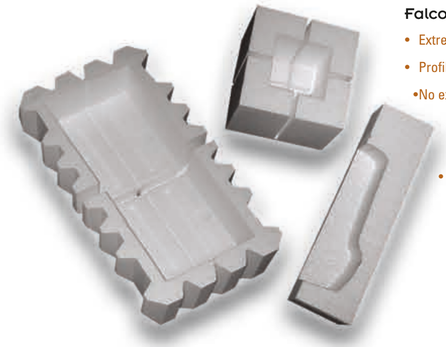


FalconPak Custom Solutions

Falcon Foam Custom Packaging products offer superior product protection while being lightweight and economical. Falcon engineers will work closely with you in developing the most cost-effective solution for your packaging needs. State-of-the-art computer aided design and cutting equipment provide unlimited capabilities for every packaging challenge.

CUSTOM MOLDED SHAPES

Typically, molded packaging offers superior protection and is more economical for higher volume parts. Molded shapes effectively protect high value parts during shipping. Products can be presented in an organized and appealing manner. We also offer R-Mer, which is a high strength EPS alternative at a fraction of Polypropylene cost. Falcon Foam can help you design quality, economical packaging.



FalconPak Benefits:

- Extremely light for minimal shipping weight
- Profile custom cut to your product/package design
- No expensive tooling or start-up costs
- Absorbs shocks, cushions impact
- Easy to handle
- Recyclable, contains no CFC's or HCFC's