



As innovators of earth friendly plastic products... we are proud of now being part of the cutting edge way of combining performance and ecological responsibility with our recycled foam pvc board.



**Recycled Foam PVC**

Jump aboard being part of the cutting edge way of going green



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As innovators of earth friendly plastic products we are proud of now being the cutting edge way of combining performance and ecological responsibility with our recycled foam pvc board. Our Foamacell™ Green recycled foam pvc board is made of 70% recycled material and 30% virgin pvc. The properties and benefits have not suffered in this process on the contrary, we have just gained in the responsibility of doing our part in not using up valuable landfill space and resources.

**Product Information**

- Polyvinyl Chloride Foam PVC
- 70% Recycled / 30% Virgin
- Density Available: 0.55 g/cc - 0.65 g/cc - 0.70 g/cc
- Thickness: 1 mm thru 25 mm
- Width: standard stock 48 inches
- Length: standard stock 96 inches / custom sizes available
- Colors: white, black, red, green, yellow, blue and gray

**Benefits**

- Digital Printable
- Screen Printable
- PVC Free foaming board has both good sound and heat insulating properties
- Low flammability (UL-94VO)
- Low water absorption
- Light weight, good for transportation
- Easily thermoformed into shapes
- Sawing, nailing, planing and bonds similar to wood
- Can be welded and bonded to itself
- Offered in many colors, thicknesses and sheet sizes
- Indoor/outdoor use
- Stocked in USA

**Recommended Application**

- Packaging
- P.O.P. display markets
- Signage
- Exhibition and Trade Shows
- Construction
- Interior (prefab, caravans, aircraft, auto)
- Lightweight furniture constructions
- Marine

Properties	Unit	Results
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**Physical**

Density	g/cm <sup>3</sup>	0.5-0.7
Hardness Shore	D	>60
Oxygen Ratio	%	>35
Water Absorption	%	>1.5

**Mechanical**

Tensile Strength	Mpa	>10-15
Breakage Elongation	%	>10-15
Elasticity Modulus	Mpa	>600
Bending Intensity	Mpa	12-18
Impacting Intensity	KJ/m <sup>2</sup>	>15
Flexural Strength	Mpa	>32
Compressive Strength at 10% Deformation	Mpa	>6.5

**Electrical**

Dielectric Strength	KV/cm	≥90
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**Thermal**

Vicat Softening Temperature	° C	73-76
Coefficient of Linear Expansion	mm/m ° C	0.08
Thermal Conductivity	W/m K	0.05-0.07

**Flammability**

Smoke Density MSD	%	68.33
Fire Resistance	Self extinguishing	
MSDS	less than 5 seconds	

Listed below is our inventory that we currently have in stock. Please note that while empty areas are not stocked they can be made upon request.

**Foamacell 4x8 Sheets**

Inches	Size mm	Shts/Plt	Lbs/Sht	White	Black	Color
0.040	1mm	500	5.91			
0.080	2mm	264/300	9.19			
1/8" - 0.118	3mm	200	12.8	20x10		
0.157	4mm	150	14.44			
0.197	5mm	120	18.05			
1/4" - 0.236	6mm	100	21.66	10x10		

3/8" - 0.394	10mm	60	36.09	
1/2" - 0.472	12mm	50	43.31	5x10
3/4" - 0.748	19mm	30	68.58	
1" - 0.984	25mm	22	90.24	

**Foamacell 4x10 Sheets**

Inches	Size mm	Shts/Plt	Lbs/Sht	White	Black	Color
1/8" - 0.118	3mm	200	13.54			
1/4" - 0.236	6mm	100	27.07			
3/8" - 0.394	10mm	60	45.12			
1/2" - 0.472	12mm	50	54.14			

**Foamacell 4x12 Sheets**

Inches	Size mm	Shts/Plt	Lbs/Sht	White	Black	Color
1/8" - 0.118	3mm		19.18			

**Foamacell 5x8 Sheets**

Inches	Size mm	Shts/Plt	Lbs/Sht	White	Black	Color
1/8" - 0.118	3mm	175	16.05			
1/4" - 0.236	6mm	75				

**Foamacell 5x10 Sheets**

Inches	Size mm	Shts/Plt	Lbs/Sht	White	Black	Color
1/8" - 0.118	3mm	125	16.92			
1/4" - 0.236	6mm	60	33.84			