



# Endurabond™

## MARINE SOLUTIONS

**Piedmont Plastics® is your primary source for marine solutions.** Complete all of your projects from block out panels to bulkheads with our line of substrates and accessories.

Piedmont carries a comprehensive assortment of the best brands and breadth of products to service your plastic needs. With over 45 years of marine industry experience, Piedmont is a leading supplier of plastic sheet, rod, tube, and film throughout North America.

## FEATURES & BENEFITS

**Endurabond™ is an environmentally friendly, recycled, foam PVC polymer sheet engineered to machine easily.**

No prep, aggressive texture provides outstanding bonding characteristics. It has excellent screw retention which makes it ideal for through bolting or self tapping screws in the attachment of high-stress load fittings and hardware.

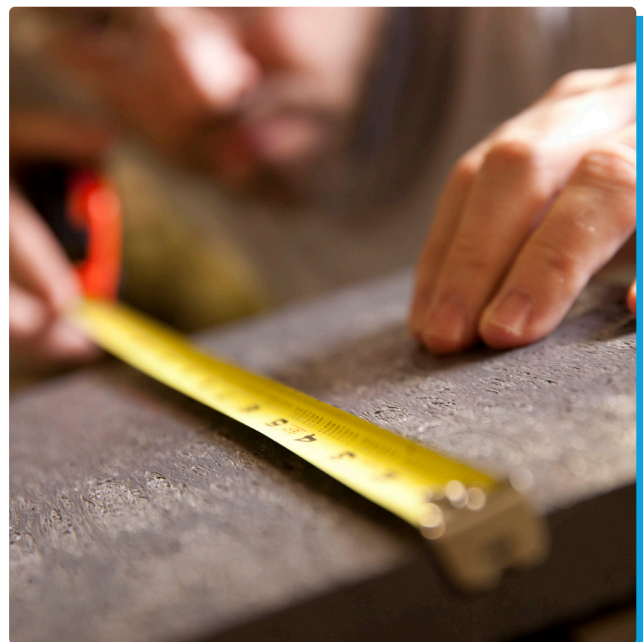
## PRODUCT AVAILABILITY

### Thickness

- 6.35 mm (1/4 in)
- 10 mm (3/8 in)
- 12 mm (1/2 in)
- 19 mm (3/4 in)
- 21 mm

### Sizes

- 48" x 96"



### CONTACT US

800.277.7898 Toll Free | 704.597.8200  
5010 W. W.T. Harris Blvd | Charlotte, NC 28269  
[www.piedmontplastics.com](http://www.piedmontplastics.com)



# Technical Properties



PROPERTY	UNITS	VALUE RANGE	ASTM METHOD
<b>PHYSICAL</b>			
Density	g/cm3	0.9	D792
Water Absorption	%	0.16 - 0.30	D570
Hardness	Shore D	81	D2240
<b>MECHANICAL</b>			
Tensile Strength	psi	3,000	D638
Modulus of Elasticity	psi	220,000	D638
Tensile Strength @ Yield	psi	2,225	D638
Screw Retention	psi	507 - 1,050	D1761
Adhesion	psi	227 - 649	D3163
Flexural Strength	psi	5,560	D790
Flexural Modulus	psi	264,000	D790
<b>THERMAL</b>			
Heat Deflection Temp (264) psi	° F	165	D648
Coefficient of Linear Expansion	in/in/°F	3.2 x 10-5	D696
<b>FLAMMABILITY</b>			
Vertical Burn Test	-	V-0	UL-95
Automotive PVC Burn Rate	-	Passed	FMVSS-302
<b>ELECTRICAL</b>			
Dielectric Strength	kV/cm	350	D149

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