

FOAMED LT AQUA-PLAS® II

PMG Foamed LT Aqua-Plas II is created through a co-extrusion process using heat and pressure, which transforms co-polymer high density polyethylene pellets into sheets of various thicknesses.

MATERIAL INFORMATION

Current Thickness Production Capability:

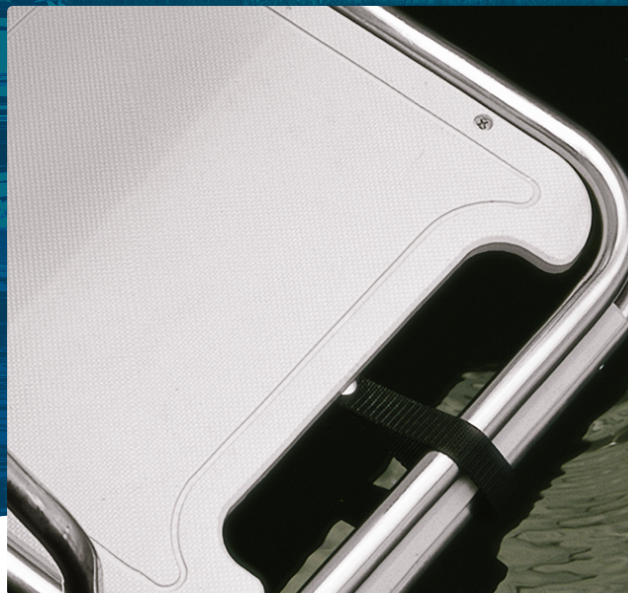
- .200" to 1.5"

Current Sheet Size Production Capability:

- max. 75" wide x 240" long - min. 24" x 24"
(max./min. varies with thickness)

Tolerance Information:

- Gauges: +/- 5%
- Length: +.25"/-0" (at room temperature)
- Width: +.25"/-0" (at room temperature)



PROPERTIES	UNITS	NATIONAL VALUES	ASTM
Density	g/cc	0.77	D1505
Tensile Strength @ Yield	psi	>3,300	D638
Tensile Modulus	psi	165,000	D638
Elongation @ Break	%	>600	D638
Elongation @ Yield	%	9.6	D638
Flexural Modulus	psi	130,000	D790
Flexural Stress @ 5% Strain	psi	2,990	D790
Compressive Properties @ 10% Strain	psi	2,910	D695
Durometer	Shore D	64.9	D2240
Tensile Impact	ft.lbs/in2	115	D1822
Izod Impact Resistance	ft.lbs/in2	1.4	D256
Heat Deflection Temp. 66 psi	°C/°F	87°C (188°F)	D648
Coefficient of Linear Thermal Expansion	10 ⁻⁶ in/in C deg	155	D696
Anti-Skid Wet Coefficient of Friction	%	0.6	D2047
Coefficient of Linear Thermal Expansion	10 ⁻⁶ in/in C deg	155	D696
Anti-Skid Wet Coefficient of Friction	%	.60	D2047

CONTACT US

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