



Free Foam Technical Specifications

Free Foam Typical Properties (Based on 16 mm)

PROPERTY	TEST METHOD	UNIT	VALUE
PHYSICAL			
Specific Gravity	ASTM D 792	g/cm ³	0.55 - 0.60
Shore D Hardness	ASTM D 2240	D	45
MECHANICAL			
Flexural Strength @ Yield	ASTM D 790	psi	3,000
Flexural Modulus	ASTM D 790	psi	130,000
Dielectric Strength	ASTM D 149	kv/mm	12
THERMAL			
Heat Distortion Temperature	ASTM D 648	°F	130
Coefficient of Linear Expansion	ASTM D 696	in/in/°F	3.5 × 10 ⁻⁵
Thermal Conductivity	ASTM C 177	Btu in/hr ft ² °F	0.50

Flammability Standards

Other Property		Rating
UL 94	V0	Passed
UL 94	5V	Passed

Availability

	Standard	Custom
SIZE	4 ft × 8 ft (48" × 96")	Available upon request
COLOR	White	Available upon request
GAUGES (in millimeters)	10, 12, 12.7, 16, 19, 25	Available upon request

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