



### Ethafoam Technical Data

#### Physical • Thermal • Electrical Properties

Property	Test Method	Value	Unit
<b>Comprehensive Strength- Vertical Direction</b>	ASTM D3575-93	5.2	psi
	Suffix D @ 25%/50%	13.4	
<b>Compression Set</b>	ASTM D3575-93 Suffix B	16	%
<b>Tensile Strength</b>	ASTM D3575-93	44	psi
	Suffix T MD / CMD	26	
<b>Elongation</b>	ASTM D3575-93	79	%
	Suffix T MD / CMD	65	
<b>Tear Resistance</b>	ASTM D3575-93	10	lb/in
	Suffix G MD / CMD	15	
<b>Density Range</b>	ASTM D3575-93	1.6 - 1.9	lb/ft <sup>3</sup>
<b>Water Absorption</b>	ASTM D3575-93 Suffix L	< 0.1	lb/ft <sup>2</sup>
<b>Thermal Stability</b>	ASTM D3575-93 Suffix S	< 5%	
<b>Contact Corrosivity</b> (Alum. Plate)	Method 3005 FED STD 101	None	
<b>Static Decay</b> (Anti-Static Grade)	EIA STD. 541 Appendix F	< 2 sec	
<b>Surface Resistivity</b> (Anti-Static Grade)	EIA STD. 541 Section 4.3	1.0 x 10 <sup>9</sup> - 1.0 x 10 <sup>12</sup>	
<b>Thermal Conductivity K-Value</b> (BTU-IN/HR-FT <sup>2</sup> -°F)	ASTM C518-91	0.35 - 0.42	
<b>Thermal Resistance R-Value</b> (HR-FT <sup>2</sup> -°F/BTU)	ASTM C518-91	1.30 - 1.60	

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