

Stratocell® RC Polyethylene Foam

Stratocell® RC (Recycled Content) PE foam guarantees a minimum 60% recycled resin content. It provides the usual benefits and qualities of standard Stratocell® PE foam, including softer feel and custom size options.



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Physical Properties	Test Method	Typical Physical Properties
Compressive Strength (<i>psi</i>)	ASTM D3575-00 Suffix D @ 25% / 50%	5 / 11
Compression Set (%)	ASTM D3575-00 Suffix B	<25
Compression Creep	ASTM D3575-00 Suffix BB 168 hr.	<10 @ 1.0 psi
Tensile Strength (<i>psi</i>) $\frac{1}{2}$ " Thickness	ASTM D3575-00 Suffix T (md/cmd)	22
Tear Resistance (<i>lb/in</i>) $\frac{1}{2}$ " Thickness	ASTM D3575-00 Suffix G (md/cmd)	7
Density Range (<i>lb/ft³</i>)	ASTM D3575-00	1.4 – 1.9
Cell Size (<i>mm</i>)	ASTM D3576 Modified	1.9
Water Absorption (<i>lb/ft²</i>)	ASTM D3575-00 Suffix L	0.2
Thermal Stability (%)	ASTM D3575-00 Suffix S	<5
Contact Corrosivity	Method 3005 FED STD. 101	None
Thermal Conductivity (<i>k-value</i>) (<i>BTU-IN/HR-FT²-°F</i>)	ASTM C518-91	0.49
Thermal Resistance (<i>R-value</i>) (<i>HR-FT²-°F/BTU</i>)	ASTM C518-91	2.0