



# Material Specification Sheet

## EV Series - Medium

Material: 4.0# Ethyl Vinyl Acetate (EVA) Foam

Description: 4.0# Ethyl Vinyl Acetate (EVA) Foam is used in a variety of industrial and consumer applications ranging from flotation vests and sports safety equipment to shoe insoles and gasketing applications.

This flexible, closed-cell material has excellent chemical resistance, good thermal insulation properties, and retains its flexibility even at subzero temperatures.

Available Colors: Natural, Grey, and Black

ASTM D 1056-78: RE42/RE43

ASTM D 1056-85, 91, 98, 00: 2A2/2A3

### Technical Specifications

Physical Property	U/M	Test Method	Value	Notes
		Alkali	Excellent	
		Gas & Oil	Excellent	
		Aromatic Hydrocarbons	Excellent	
		Ketones	Excellent	
		Chlorinated Solvents	Poor	
		Oxidation	Excellent	
		Ozone	Excellent	
Compression Deflection	PSI	ASTM D3575	7-13	
Compression Set	%	ASTM D3575	<15	
Density	PCF	ASTM D3575	3.0 - 4.0	
Elongation	%	ASTM D3575	310	Minimum
Flammability		MVSS-302	Pass	
Maximum Temperature	F		180	
Minimum Temperature	F		-70	
Resistance		Acid	Excellent	
Tear Strength	PIN	ASTM D624	16	
Tensile Strength	PSI	ASTM D3575	100	
Water Absorption		ASTM D1667	.05	lb/ft2 of Cut Surface