

TECHNICAL DATASHEET: 2# EVA Foam

PRODUCT DESCRIPTION

EVA, also known as Polyethylene Vinyl Acetate is available with or without permanent or removable adhesive.

TYPICAL APPLICATIONS

- Used as padding in various sports applications
- Excellent for shock absorption

PRODUCT FEATURES & BENEFITS

- Rubber like in softness and flexibility
- Can be thermo-set
- Similar to rubber but light in weight

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 1/8", 3/16", 1/4"	
COLOR	Black, Gray	
POLYMER	Ethylene Vinyl Acetate Blend (EVA)	
DENSITY	2 lb/ft ³	ASTM D3575
COMPRESSION DEFLECTION @ 25%	8.2 psi	ASTM D3575
COMPRESSION SET @ 50%	16%	ASTM D3575
WATER ABSORPTION	1% max.	DIN 53428
TENSILE STRENGTH	55.4 psi	ASTM D3575
ELONGATION	290%	ASTM D3575
DUROMETER/HARDNESS (SHORE 00)	50	ASTM D2240
THERMAL CONDUCTIVITY	.26 btu/(h·ft ² ·°F)	
FLAME RETARDANT	Yes	
FMVSS-302	Pass .250" or thicker	
TEAR STRENGTH	12.5 lb/in	ASTM D3575
SERVICE TEMPERATURE	-76°F to 194°F	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. H-O will provide samples for this purpose at no charge. **REV. 0**