

## SANDELL'S POLYETHYLENE FOAM

Sandell's Non-Crosslinked Polyethylene Foam is commonly used for expansion and contraction in vertical and horizontal joint applications, and is available with or without peel top. It is recommended for cold-applied sealants such as silicone, butyl, polysulfide, acrylic and polyurethane. The unique closed cell structure of this product allows for low moisture absorption. It can be custom cut to fit any application, and does not require bond breaker. Available in black, white or gray.



**Sizes:**

❖ Common sizes include, but are not limited to: 1/8" to 6" thickness / Standard widths are: 1/2" to 60" and can be cut into multiple widths

PROPERTY	TEST METHOD	UNITS	AF30	AF60	AF90	AF125	AF185	AF250	AF375	AF500
Gauge 1	ASTM D-3575	inches	0.035	0.062	0.093	0.125	0.185	0.250	0.375	0.500
Density 1	ASTM D-3575	lbs/ft	1.7	1.4	1.2	1.2	1.2	1.2	1.2	1.2
Cell Count	ASTM D-3575	cells/inch	28	25	23	23	20	20	18	18
Compression Strength 1	ASTM D-3575	(PSI) lbs/in <sup>2</sup>	2	2	2	2	2	2	6	4
Compression Set 2	CID-AA-59135	% not recovered	3	5	5	3	2	1	1	0
Water Absorption 1	ASTM D-3575 (L)	(PSF) lbs/ft <sup>2</sup>	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.05
Tensile Strength	ASTM D-412	lbs/in <sup>2</sup>	125 md 42 cd	89 md 37 cd	67 md 30 cd	55 md 27 cd	42 md 26 cd	38 md 22 cd	38 md 22 cd	39 md 21 cd
Tear Strength	ASTM D-624	lbs/inch	10 md 16 cd	9 md 15 cd	7 md 11 cd	6 md 10 cd	7 md 10 cd	8 md 10 cd	7 md 12 cd	6 md 13 cd
Tensile Elongation	ASTM D-412	percent	52 md 43 cd	69 md 50 cd	78 md 56 cd	83 md 52 cd	97 md 65 cd	93 md 58 cd	89 md 81 cd	89 md 70 cd
Thermal Conductivity	ASTM C-518	btu/h ft °F	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Contact Corrosivity 1	Federal Std 101, 3005	Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Flexibility 2	ASTM D-3575	Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Service Temperature 1		°F	-65F - 158F	-65 - 158F	-65F - 158F	-65F - 158F	-65F - 158F	-65F - 158F	-65F - 158F	-5 -158F

**FOR ANTI-STATIC PRODUCT ONLY**

Electrostatic Decay <sup>1</sup>	EIA 541	seconds <2.0
Surface Resistivity <sup>1</sup>	#IA 541 Ohms/sq	> 1.0 x 10 <sup>9</sup> < 1.00 x 10 <sup>10</sup>
Flame Spread Index <sup>2</sup>	ASTM E-162	<25
Specific Optical Density <sup>2</sup>	ASTM E-662 (NFPA 258)<	<100

1. Denotes properties specified in CID-AA-59135. (formerly Federal Specification PPP-C-1752D).  
2. Denotes properties specified in Federal Specification PPP-C-1752D, but not specified in CID-AA-59135

**TECHNICAL ASSISTANCE:**

Call Sandell directly for technical assistance or product questions:  
 New York: 800.283.3888  
 Alabama: 877.726-3355  
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 [www.sandellmfg.com](http://www.sandellmfg.com)

**Amendments / Notes:**

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Sandell Employee: \_\_\_\_\_

Date: \_\_\_\_\_

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