

## SANDELL'S SILL SEAL

### Product Description:

Sandell's Sill Seal is commonly used in vapor barriers, sill plates, foundation walls, window seals, and door gasketing. Sandell's Sill Seal polyethylene foam acts as a dynamic seal that expands and contracts with movement. It is a closed cell material that water, dirt, and other substances will not penetrate. Sandell's Sill Seal is compatible with cold sealants such as silicone, butyl, polysulfide, acrylic, and polyurethane.

Sandell's Sill Seal is composed of a lightweight and economical material that effectively reduces heating and cooling costs by limiting energy loss. Its closed cell structure promotes low moisture absorption and encourages exceptional flexibility and pliancy. Having such characteristics,

Sandell's Sill Seal can easily adapt to any project or specification.

### Available Sizes:

- ❖ ¼" x 3½"
- ❖ ¼" x 5½"
- ❖ ¼" x 7½"

### TECHNICAL ASSISTANCE:

Call Sandell directly for technical assistance or product questions:

New York: 800.283.3888  
 Alabama: 877.726-3355  
 Wisconsin: 800.323-3565



[www.sandellmfg.com](http://www.sandellmfg.com)

PROPERTY	TEST METHOD	UNITS	AF30	AF60	AF90	AF125	AF185	AF250	AF375	AF500
Gauge <sup>1</sup>	ASTM D-3575	Inches	0.035	0.062	0.093	0.125	0.185	0.250	0.375	0.500
Density <sup>1</sup>	ASTM D-3575	lbs / ft <sup>3</sup>	1.7	1.4	1.2	1.2	1.2	1.2	1.2	1.2
Cell Count	ASTM D-3575	Cells/inches	28	25	23	23	20	20	18	18
Compression Strength <sup>1</sup>	ASTM D-3575	(PSI) lbs/in <sup>2</sup>	2	2	2	2	2	2	6	4
Compression Set	CID-AA-59135	% not recovered	3	5	5	3	2	1	1	0
Water Absorption <sup>1</sup>	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	82 md 52 cd	97 md 65 cd	93 md 58 cd	89 md 81 cd	89 md 70 cd
Thermal Conductivity	ASTM C-518	Blu-in/hn-°F-ft <sup>2</sup>	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Contact Corrosivity <sup>1</sup>	Federal Std 101, 3005	Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Flexibility	ASTM D-3575	Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Service Temperature <sup>1</sup>		°F	-65°F – 158°F	-65°F – 158°F	-65°F – 158°F	-65°F – 158°F	-65°F – 158°F	-65°F – 158°F	-65°F – 158°F	-65°F – 158°F

### For Anti-Static Product Only

Electrostatic Decay	EIA 541	Seconds	<2.0
Surface Resistivity	EIA 541	Ohms/ft <sup>2</sup>	

### For FR and FRAS Products

Flame Spread Index <sup>2</sup>	ASTM E-162		<25
Specific Optical Density <sup>2</sup>	ASTM E-662 (NFPA 258)		<100

Federal Specification PPP-C-1752D, but not specified in CID-AA-59135

<sup>1</sup> Denotes properties specified in CID-AA-59135. (Formerly Federal Specification PPP-C-1752D).

<sup>2</sup> Denotes properties specified in

### Amendments / Notes:

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

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

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