

## SANDELL'S CLOSED CELL NEOPRENE

**Product Name:**

Sandell's Closed Cell Neoprene

**Product Description:**

Sandell's Closed Cell Neoprene is a highly resilient and flexible expansion joint filler. It is resistant to oil and most solvents, and has excellent weathering and ozone characteristics. It is available with a PSA (pressure sensitive adhesive).

**Use:**

Sandell's Closed Cell Neoprene is ideally used as an expansion joint in highways, bridge approaches, industrial or warehouse flooring, sidewalks, curbs, as well as all concrete structures.

**Installation:**

Prior to concrete placement, Sandell's Closed Cell Neoprene expansion joint filler should be installed against the forms or other adjacent abutting structures as detailed in the projects plans. It can be easily cut to size with a utility knife on site, to insure proper sizing of the joint.

**Warranty:**

Sandell's Closed Cell Neoprene carries a manufacturer's warranty of material specification Compliance.

**Maintenance:**

Sandell's Closed Cell Neoprene should not require maintenance if installed in accordance with Sandell specifications and instructions.

**Packaging:**

Thickness: ¼" – 3"  
 Custom Widths: 3" – 42"

*\*Also available: Sandell's Closed Cell Baked Neoprene*

**Physical Properties:**

Polymer	Neoprene /SBR
Color	Black
ASTM Specification	D1056
SAE Specification	SCE 41 SOFT SCE 42 MED SCE 43 FIRM
Density (PCF Approx.)	6
Temperature Resistance	
Low	- 40° F
High Continuous	-105° F
High Intermittent	-200° F
Compression Set (Max) ASTM Method – ½" samples Compressed 50% 22 hrs at 70°F. -24 Hour Recovery	35%*
Compression Deflection (PSI) Weight Required to compress a 1.129" Diameter Disc by 25% Varies according to Thickness	SOFT 2-5 MEDIUM 5-9 FIRM 9-13
Accelerated Aging (7 Days at 158°F) Flexibility – 180° F Bend without Cracking Appearance Change Shrinkage, Lin. Max	Good  None 10%
Water Absorption by Weight	5%
Adhesive & Caulking Compatibility with Foam (7 Days at the 158° F)	No Plasticizer Migration or Reduction in Physicals on either Foam or Adhesive

*\*Revised - 07.15.09*

**TECHNICAL ASSISTANCE:**

Call Sandell directly for technical assistance or product questions:

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

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

Fire Rating Information –

<b>PHYSICAL PROPERTY</b>	<b>TEST METHOD</b>	<b>GM6086M, TY II REQUIREMENTS</b>	<b>DK1111LD RESULTS</b>	<b>PASS/FAIL</b>
Compression Deflection @ 50% deflection	3.2, 3.2.1	48.01 – 97.00 kpa	72.4 kpa	<b>PASS</b>
Tensile Strength	3.4 ASTM-D-412 Die A	275.00 kpa min.	425 kpa	<b>PASS</b>
Elongation	3.5 ASTM-D-412 Die A	100% min.	175%	<b>PASS</b>
Water Absorption	3.3 ASTM-D-1056	10% max.	4.2%	<b>PASS</b>
Water Impermeability	3.8	No Leaks	No Leaks	<b>PASS</b>
Ozone Resistance	3.6 per GM 4486P (A80)	No Cracks or Material Breakdown	No Cracks or Material Breakdown	<b>PASS</b>
Staining	3.7 ASTM-D-925 Method B	No indication of Migration Staining	No indication of Migration Staining	<b>PASS</b>
Compatibility with Solvents	3.9	No tackiness, surface deterioration, or swelling	No tackiness, surface deterioration, or swelling	<b>PASS</b>
Cycle Test	3.10 SAE J1389	Linear shrinkage 5% max.	3.8%	<b>PASS</b>
Cold Flex	3.11	No Cracks	No Cracks	<b>PASS</b>
Xenon Arc Weather-Ometer Exposure	3.12 SAE J1960	No surface cracks	No surface cracks	<b>PASS</b>
Flammability	3.15 GM6090M (B4-A)	Less than 4"	"0" Flame Out	<b>PASS – All Thicknesses</b>
Flammability	UL 94HF-1	Not Required	U.L. Listed #E208679	<b>PASS</b> U.L. Listed #E208679
Flammability	UL Listed to Canadian Safety Standards	Not Required	U.L. Listed #E208679	<b>PASS</b> U.L. Listed #E208679
Standard for safety for enclosures for electrical equipment	UL 50	Not Required	U.L. Listed #JMLU2 MH10200	<b>PASS</b> U.L. Listed #JMLU2 MH10200
Standard for safety for gaskets and seals	UL 157	Not Required	U.L. Listed #JMLU2 MH10200	<b>PASS</b> U.L. Listed #JMLU2 MH10200
Standard for safety for industrial control equipment	UL 508	Not Required	U.L. Listed #JMLU2 MH10200	<b>PASS</b> U.L. Listed #JMLU2 MH10200

Amendments / Notes:


Sandell Employee:

Date:

CORPORATE OFFICE  
NEW YORK  
Toll Free: 800-283-3888  
Fax: 518-357-9757

BRANCH OFFICE  
ALABAMA  
Toll Free: 877-SANDELL  
Fax: 205-263-1033

BRANCH OFFICE  
WISCONSIN  
Toll Free: 800-323-3565  
Fax: 414-764-6993