

3M Scotch-Weld™ 2141 Neoprene Rubber & Gasket Adhesive

Category : Polymer , Adhesive

Material Notes:

Features: Alight colored, high strength adhesive with a long tack rangeExcellent water, oil and grease resistanceBonds neoprene, natural, reclaim SB-R and butyl rubber to most substrates.Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-2141-Neoprene-Rubber-Gasket-Adhesive.php

Physical Properties	Metric	English	Comments
Solids Content	28 - 32 %	28 - 32 %	
Brookfield Viscosity	900 - 1500 cP	900 - 1500 cP	RVF #2 sp @ 20 rpm @ 80°F

Mechanical Properties	Metric	English	Comments
Shear Strength	0.469 MPa	68.0 psi	Overlap, 1/8" Birch/Birch
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	
	2.60 MPa	377 psi	Overlap, 1/8" Birch/Birch
	@Temperature 24.0 °C, Time 1.81e+6 sec	@Temperature 75.2 °F, Time 504 hour	
Peel Strength	1.05 kN/m	6.00 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 86400 sec	@Temperature 75.2 °F, Time 24.0 hour	
	1.75 kN/m	10.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 259000 sec	@Temperature 75.2 °F, Time 72.0 hour	
	2.45 kN/m	14.0 pli	180°, Canvas/Steel
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	
	3.86 kN/m	22.0 pli	180°, Canvas/Steel
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	
	4.21 kN/m	24.0 pli	180°, Canvas/Steel
	@Temperature 66.0 °C, Time 1.81e+6 sec	@Temperature 151 °F, Time 504 hour	
	4.21 kN/m	24.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 432000 sec	@Temperature 75.2 °F, Time 120 hour	

Mechanical Properties	Metric	English	Comments
	5.26 kN/m	32.0 pli	
	@Temperature 24.0 °C, Time 1.81e+6 sec	@Temperature 75.2 °F, Time 504 hour	180°, Canvas/Steel
	5.61 kN/m	32.0 pli	
	@Temperature 24.0 °C, Time 605000 sec	@Temperature 75.2 °F, Time 168 hour	180°, Canvas/Steel
	5.61 kN/m	32.0 pli	
	@Temperature 24.0 °C, Time 1.21e+6 sec	@Temperature 75.2 °F, Time 336 hour	180°, Canvas/Steel

Thermal Properties	Metric	English	Comments
Flash Point	-26.0 °C	-14.8 °F	TCC

Descriptive Properties	Value	Comments
Appearance	Yellow	
Base	Polychloroprene	

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