

## 3M Scotch-Weld™ 1357 Neoprene High Performance Contact Adhesive

Category : Polymer , Adhesive

### Material Notes:

3M™ Scotch-Weld™ Neoprene High Performance Contact Adhesive can be used to bond most rubber, cloth, metal, wood, foamed glass, paper honeycomb, decorative plastic laminates and many other substrates. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-1357-Neoprene-High-Performance-Contact-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-1357-Neoprene-High-Performance-Contact-Adhesive.php)

Physical Properties	Metric	English	Comments
Solids Content	23 - 27 %	23 - 27 %	
Brookfield Viscosity	200 - 450 cP	200 - 450 cP	RVF #2 sp @ 20 rpm @ 80°F

Mechanical Properties	Metric	English	Comments
Shear Strength	1.09 MPa	158 psi	Overlap, 1/8" Birch/Birch
	@Temperature 107 °C, Time 1.81e+6 sec	@Temperature 225 °F, Time 504 hour	
	1.37 MPa	199 psi	Overlap, 1/8" Birch/Birch
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	
	3.12 MPa	452 psi	Overlap, 1/8" Birch/Birch
@Temperature 75.0 °C, Time 1.21e+6 sec	@Temperature 167 °F, Time 336 hour		
3.70 MPa	536 psi	Overlap, 1/8" Birch/Birch	
	@Temperature 75.0 °C, Time 1.81e+6 sec	@Temperature 167 °F, Time 504 hour	
Peel Strength	6.65 MPa	964 psi	Overlap, 1/8" Birch/Birch
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	
	2.10 kN/m	12.0 pli	180°, Canvas/Steel
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	
	2.28 kN/m	13.0 pli	180°, Canvas/Steel
@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour		
2.80 kN/m	16.0 pli	180°, Canvas/Steel	
@Temperature 24.0 °C,	@Temperature 75.2 °F,		

Mechanical Properties	Time 86400 sec Metric	Time 24.0 hour English	Comments
	3.24 kN/m	18.5 pli	180°, Canvas/Steel
	@Temperature 66.0 °C, Time 1.81e+6 sec	@Temperature 151 °F, Time 504 hour	
	4.03 kN/m	23.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 1.81e+6 sec	@Temperature 75.2 °F, Time 504 hour	
	4.21 kN/m	24.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 1.21e+6 sec	@Temperature 75.2 °F, Time 336 hour	
	4.56 kN/m	26.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 605000 sec	@Temperature 75.2 °F, Time 168 hour	
	5.43 kN/m	31.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 259000 sec	@Temperature 75.2 °F, Time 72.0 hour	
	7.36 kN/m	42.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 432000 sec	@Temperature 75.2 °F, Time 120 hour	

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

Descriptive Properties	Value	Comments
Appearance	Gray/Green, Light Yellow	
Base	Polychloroprene	

## Contact Songhan Plastic Technology Co.,Ltd.

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