

## 3M Scotch-Weld™ 5 Neoprene Contact Adhesive

Category : Polymer , Adhesive

### Material Notes:

3M™ Scotch-Weld™ Neoprene Contact Adhesive 5 is a sprayable contact adhesive which may be used to bond many high-pressure plastic laminates to wood, particle-board, metal and other surfaces. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-5-Neoprene-Contact-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-5-Neoprene-Contact-Adhesive.php)

Physical Properties	Metric	English	Comments
Solids Content	18 - 21 %	18 - 21 %	
Brookfield Viscosity	175 - 350 cP	175 - 350 cP	RVF #2 sp @ 20 rpm @ 80°F

Mechanical Properties	Metric	English	Comments
Shear Strength	0.262 MPa	38.0 psi	Overlap
	@Temperature 107 °C, Time 1.81e+6 sec	@Temperature 225 °F, Time 504 hour	
	0.448 MPa	65.0 psi	
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	
	3.31 MPa	480 psi	
Peel Strength	@Temperature 75.0 °C, Time 1.21e+6 sec	@Temperature 167 °F, Time 336 hour	Overlap
	3.32 MPa	482 psi	Overlap
	@Temperature 75.0 °C, Time 1.81e+6 sec	@Temperature 167 °F, Time 504 hour	
Peel Strength	7.31 MPa	1060 psi	Overlap
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	
	1.23 kN/m	7.00 pli	
Peel Strength	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	180°, Canvas/Steel
	1.75 kN/m	10.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 86400 sec	@Temperature 75.2 °F, Time 24.0 hour	
2.10 kN/m	12.0 pli		
Peel Strength	@Temperature 24.0 °C, Time 259000 sec	@Temperature 75.2 °F, Time 72.0 hour	180°, Canvas/Steel

Mechanical Properties	Metric	English	Comments
	2.43 kN/m	14.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 432000 sec	@Temperature 75.2 °F, Time 120 hour	
	2.89 kN/m	16.5 pli	180°, Canvas/Steel
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	
	3.16 kN/m	18.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 605000 sec	@Temperature 75.2 °F, Time 168 hour	
	3.16 kN/m	18.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 1.21e+6 sec	@Temperature 75.2 °F, Time 336 hour	
	3.33 kN/m	19.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 1.81e+6 sec	@Temperature 75.2 °F, Time 504 hour	

Thermal Properties	Metric	English	Comments
Flash Point	-25.0 °C	-13.0 °F	TCC

Descriptive Properties	Value	Comments
Appearance	Green, Light Yellow	
Base	Polychloroprene	

## Contact Songhan Plastic Technology Co.,Ltd.

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