

## 3M Scotch-Weld™ 1870 Industrial Adhesive

Category : Polymer , Adhesive

### Material Notes:

Features: A fast drying, highly flexible adhesive with very long tack range and good water resistance For bonding fabrics and most other lightweight materials with little or no tendency to stain or bleed through. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-1870-Industrial-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-1870-Industrial-Adhesive.php)

Physical Properties	Metric	English	Comments
Solids Content	26 - 30 %	26 - 30 %	
Brookfield Viscosity	450 - 1250 cP	450 - 1250 cP	RVF #3 sp @ 20 rpm @ 27°C

Mechanical Properties	Metric	English	Comments
Peel Strength	0.526 kN/m	3.00 pli	180°, Canvas/Steel
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	
	0.701 kN/m	4.00 pli	180°, Canvas/Steel
	@Temperature 66.0 °C, Time 1.81e+6 sec	@Temperature 151 °F, Time 504 hour	
	1.23 kN/m	7.00 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 259000 sec	@Temperature 75.2 °F, Time 72.0 hour	
	1.23 kN/m	7.00 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 432000 sec	@Temperature 75.2 °F, Time 120 hour	
	1.23 kN/m	7.00 pli	180°, Canvas/Steel
@Temperature 24.0 °C, Time 605000 sec	@Temperature 75.2 °F, Time 168 hour		
1.23 kN/m	7.00 pli	180°, Canvas/Steel	
@Temperature 24.0 °C, Time 1.21e+6 sec	@Temperature 75.2 °F, Time 336 hour		
1.23 kN/m	7.00 pli	180°, Canvas/Steel	
@Temperature 24.0 °C, Time 1.81e+6 sec	@Temperature 75.2 °F, Time 504 hour		
1.40 kN/m	8.00 pli	180°, Canvas/Steel	
@Temperature 24.0 °C, Time 86400 sec	@Temperature 75.2 °F, Time 24.0 hour		

Mechanical Properties	Metric	English	Comments
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	180°, Canvas/Steel

Thermal Properties	Metric	English	Comments
Flash Point	-22.0 °C	-7.60 °F	TCC

Processing Properties	Metric	English	Comments
Shelf Life	7.00 Month	7.00 Month	

Descriptive Properties	Value	Comments
Appearance	Tan	
Base	SBR	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China