

## 3M Scotch-Weld™ RT3500B Rubber-Toughened Instant Adhesive

Category : Polymer , Adhesive

**Material Notes:**

3M™ Scotch-Weld™ Rubber Toughened Instant Adhesives are formulated with a unique elastomer that maximizes impact, vibration, peel, and thermal cycling resistance while providing tough flexible bonds. These adhesives are ideally suited for bonding flexible substrates and dissimilar materials. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-RT3500B-Rubber-Toughened-Instant-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-RT3500B-Rubber-Toughened-Instant-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	
Brookfield Viscosity	1000 - 3000 cP	1000 - 3000 cP	RVT #3 sp @ 20 rpm
	5000 - 10000 cP	5000 - 10000 cP	RVT #3 sp @ 2.5 rpm

Mechanical Properties	Metric	English	Comments
Shear Strength	8.96 MPa	1300 psi	cured, grit-blasted steel; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.0 °C	199 °F	Continuous
	121 °C	250 °F	Intermittent
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	Continuous
	-54.0 °C	-65.2 °F	Intermittent

Processing Properties	Metric	English	Comments
Cure Time	0.333 - 1.50 min	0.00555 - 0.0250 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

## Contact Songhan Plastic Technology Co.,Ltd.

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