

## 3M Scotch-Weld™ SI40 Surface Insensitive Instant Adhesive

Category : Polymer , Adhesive

**Material Notes:**

3M™ Scotch-Weld™ Surface Insensitive Adhesives bond rough, porous, contaminated, and acidic substrates including wood, cardboard, veneer, fabric, cork, and leather. SI40 (formerly SB95) is a low viscosity surface insensitive ayanoacrylate that is used where very fast cure speed is desired. It is recommended for use on close-fitting parts and smooth even surfaces. It has been tested and passed the requirements of Commercial Item Description A-A-3097, Type II, Class 1 (formerly MIL-A-46050C).Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-SI40-Surface-Insensitive-Instant-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-SI40-Surface-Insensitive-Instant-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	Uncured
Viscosity	34 - 44 cP	34 - 44 cP	ISO 3104/3105

Mechanical Properties	Metric	English	Comments
Shear Strength	17.2 MPa	2500 psi	cured; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.0333 - 0.333 min	0.000555 - 0.00555 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	

## Contact Songhan Plastic Technology Co.,Ltd.

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