

3M Scotch-Weld™ PR100 Plastic and Rubber Instant Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Plastic and Rubber Instant Adhesive is designed to give exceptional performance on difficult-to-bond plastic and rubber substrates. This adhesive may be bonded to like substrates or in combination with metal or composite substrates. Superior performance is achieved on materials such as heavily plasticized PVC, EPDM, ABS, Nylon, Santoprene® and Viton®. PR100 (formerly SB04 or SB14) is a general purpose, low viscosity bonder for rubber or plastic surfaces. It has been tested and passed the requirements of Commercial Item Description A-A 3097, Type II, Class 3 (formerly MIL-A-46050C). Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-PR100-Plastic-and-Rubber-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	
Viscosity	8.0 - 120 cP	8.0 - 120 cP	ISO 3104/3105

Mechanical Properties	Metric	English	Comments
Shear Strength	21.4 MPa	3100 psi	cured, grit-blasted steel; 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	0.167 - 0.500 min	0.00278 - 0.00833 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	

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