

3M Scotch-Weld™ 3549 B/A Brown Two-Part Urethane Adhesive 3549 B/A Brown (discontinued **)

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Adhesive

Material Notes:

Two-part urethane adhesives cure at room temperature or with heat to provide tough, impact resistant bonds with high peel strength.

Features include long worklife adhesive, 2-4 hours handling strength, semi-rigid urethane, and longer worklife version of 3532 B/A

Adhesive. Mix ratio by volume 1:1. Average T-Peel at 75°F (24°C) is 25 PIW; 180° peel tested on 0.030 inch aluminum per ASTM D 1876-

61T. Information provided by 3M Adhesives Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-3549-BA-Brown-Two-Part-Urethane-Adhesive-3549-BA-Brown-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Brookfield Viscosity	30000 cP	30000 cP	
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Mechanical Properties	Metric	English	Comments
Shear Strength	1.03 MPa	149 psi	ASTM D1002-64
	@Temperature 121 °C	@Temperature 250 °F	
	2.10 MPa	305 psi	ASTM D1002-64
	@Temperature 82.0 °C	@Temperature 180 °F	
	13.8 MPa	2000 psi	ASTM D1002-64
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	17.2 MPa	2490 psi	ASTM D1002-64
	@Temperature -55.0 °C	@Temperature -67.0 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	>= 20.0 °C	>= 68.0 °F	
Pot Life	60.0 min	60.0 min	
	@Temperature 23.9 °C	@Temperature 75.0 °F	

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