

3M Scotch-Weld™ 3901 Metal Primer

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Metal Primer 3901 is a primer for 3M™ Scotch-Weld™ film and liquid adhesives in those applications where it is desired to obtain improved metal and glass adhesion or improved resistance to environmental exposure with epoxy and urethane adhesives. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-3901-Metal-Primer.php

Physical Properties	Metric	English	Comments
Brookfield Viscosity	3.0 - 8.0 cP	3.0 - 8.0 cP	RVF, No 1 sp, 20 rpm @ 27°C

Mechanical Properties	Metric	English	Comments
Shear Strength	7.03 MPa	1020 psi	Adhered: 50 MIL (6-4 Titanium Alloy), Adhesive AF-126 (0.06 wt)
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	24.8 MPa	3600 psi	Adhered: 50 MIL (17-7 Stainless Steel), Adhesive AF-126 (0.06 wt)
	@Temperature 82.0 °C	@Temperature 180 °F	
	25.2 MPa	3650 psi	Adhered: 50 MIL (17-7 Stainless Steel), Adhesive AF-126 (0.06 wt)
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	36.4 MPa	5280 psi	Adhered: 50 MIL (6-4 Titanium Alloy), Adhesive AF-126 (0.06 wt)
	@Temperature 82.0 °C	@Temperature 180 °F	
	43.5 MPa	6310 psi	Adhered: 50 MIL (17-7 Stainless Steel), Adhesive AF-126 (0.06 wt)
	@Temperature -55.0 °C	@Temperature -67.0 °F	
	44.0 MPa	6380 psi	Adhered: 50 MIL (6-4 Titanium Alloy), Adhesive AF-126 (0.06 wt)
	@Temperature -55.0 °C	@Temperature -67.0 °F	

Thermal Properties	Metric	English	Comments
Flash Point	16.0 °C	60.8 °F	COC

Descriptive Properties	Value	Comments
Appearance	Red	

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