

## 3M Pronto™ CA-100 Instant Adhesive

Category : Polymer , Adhesive , Thermoset

**Material Notes:**

One-part, room-temperature curing adhesive that is ready-to-use without metering or mixing. Bonded parts reach handling strength in 5-10 seconds on many applications. Toughened material that provides high peel and impact strength, thermal shock resistance and improved heat resistance. Meets MIL-A-46050C Type II, Class 3. Base is ethyl. It takes assembled parts 20-70 seconds to reach a strength where further handling and processing can take place. Times will depend on surface to be bonded, temperature and humidity. Average T-Peel at 75°F (24°C) is 15 PIW. Tested per ASTM D 1876-61T. Information provided by 3M Adhesives Division.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Pronto-CA-100-Instant-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Pronto-CA-100-Instant-Adhesive.php)

Physical Properties	Metric	English	Comments
Viscosity	2500 - 4500 cP	2500 - 4500 cP	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	0.655 MPa	95.0 psi	on nitrile rubber; ASTM D1002-64
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	0.827 MPa	120 psi	on neoprene rubber; ASTM D1002-64
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	4.10 MPa	595 psi	on ABS; ASTM D1002-64
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	4.90 MPa	711 psi	on rigid PVC; ASTM D1002-64
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	13.8 MPa	2000 psi	on steel; ASTM D1002-64
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	20.0 MPa	2900 psi	on aluminum; ASTM D1002-64
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	20.0 °C	68.0 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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