

**SmartAdhesives**  
**i5 Instant Adhesive**  
Metal optimized, heat resistant



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## TECHNICAL DATA SHEET

### INFORMATION

i5 Instant Adhesive is a methyl cyanoacrylate adhesive optimized for metal-to-metal and metal-to-rubber bonding. It exhibits a broad temperature service range, -75°~300°F, and bonds at room temperature. i5 provides a high-strength, structural bond on metal surfaces.

The viscosity of i5 is similar to corn oil (100 cP).

### APPLICATIONS

i5 Instant Adhesive is a specially formulated cyanoacrylate adhesive for bonding metal substrates that will require significant temperature resistance. Applications include engine environments and bonding of similar substrates that will be subject to cold environments. i5 can also be used to bond rubber-to-rubber that requires broad temperature resistance.

i5 will cure within approximately 5-10 seconds (at room temperature) after application, depending on the substrate.

NOTE: Test on samples first to determine suitability of product for application.

### TYPICAL PROPERTIES (3/12/02)

The following properties are typical results and not product specifications:

#### Uncured Liquid

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<b>Properties</b>	<b>Amount</b>
Appearance	Transparent
Viscosity	100 Centipoise
Specific Gravity	1.10
Solubility	Acetone, Methyl Ethyl Ketone, Nitromethane

#### Set Times

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<b>Substrate</b>	<b>Time</b>
NBR/NBR	5 sec.

**Cured Material – Lap shear strength**

**Metals**

Substrate	Value
Steel/Steel	3,500 psi

**Cured Material – Other**

Substrate	Value
Temperature Range	-76° ~ 302° F

**OTHER INFORMATION**

**HEALTH AND SAFETY INFORMATION:**

Refer to Material Safety Data Sheet for health and safety information before using this product. Also, for additional information, please visit the website at [www.smartadhesives.com](http://www.smartadhesives.com).

**LIMITATION OF REMEDIES AND LIABILITY:**

If the SMARTADHESIVES product is proved to be defective, the exclusive remedy, at SMARTADHESIVES' option, shall be to refund the purchase price or replace the defective product. SMARTADHESIVES shall not otherwise be liable for loss or damages, regardless of the legal theory, including but not limited to contract, negligence, warranty, or strict liability.

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