



RP2400

RP2400 is a high viscosity, rapid curing, cyanoacrylate adhesive for general purpose bonding. It is designed to bond a wide range of similar and dissimilar materials. Handling strength in most applications is in 15 seconds.

Technology / Base	Ethyl
Type of Product	Cyanoacrylate
Components	One Component
Curing	Humidity
Appearance / Color	Clear
Consistency	Viscous Liquid

Technical Data

Rheology	Value	Condition/Method
Viscosity	2400 cPs	
Density		
Specific Gravity	1.09	
Uncured Material Characteristics		
Flash Point	0	
Set Time	Steel ABS EPDM	< 20 sec <15 sec
Shelf Life	0	
Cured Material Characteristics		
Full Cure Time	0	
Cure Appearance	0	
Service Temperature	0	
RoHS Compliant	0	
Cured Mechanical Properties	See Graphs and Table Below	

General Instructions

For optimum results parts should be clean and free from any contamination on the bonding surface. If parts do not mate flush together use a higher viscosity product to compensate for the gap. Factors Affecting Cure Speed Include: GAP: Thin bond line results in faster cure speed. Larger gaps will lengthen cure speed. HUMIDITY: Cure and fixture times can be influenced by the humidity conditions at the time of assembly. The higher the RH the faster cure and fixture times will be. Fixture time data based on our testing is conducted at 50% relative humidity.

Curing Performance

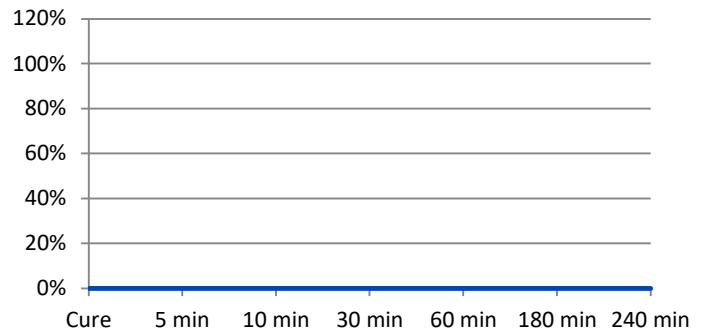
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Storage

Store product in unopened containers, out of direct sunlight, in a dry location. Material should be stored at or below 22°C. For extended shelf life unopened containers of the product may be refrigerated.

Specifications and Approvals

Time Until Full Cure (% of RT strength)

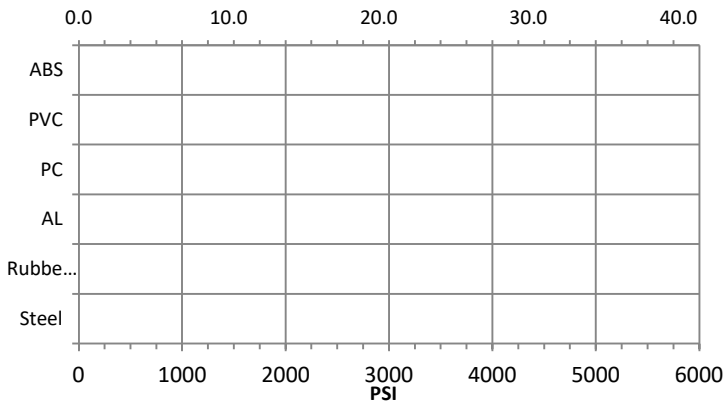


Safety & Disposal

For safe handling information and disposal instructions on this product, consult the Safety Data Sheet (SDS)



Performance Range by Substrate (N/mm²)



Performance of Cured Adhesive

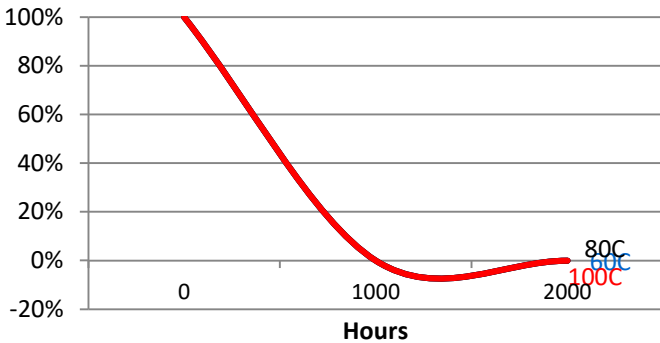
Substrate	N/mm ²	PSI
Steel	to #VALUE!	to >2100 psi
Rubber*	to #VALUE!	to #VALUE!
AL	to #VALUE!	to >1750 psi
PC**	to #VALUE!	to >900 psi
PVC**	to #VALUE!	to >900 psi
ABS**	to #VALUE!	to >900 psi

*Rubber figures given are typical. Your results may vary by specific rubber type.

**Tested to ASTM 4501

***n/r = not recommended

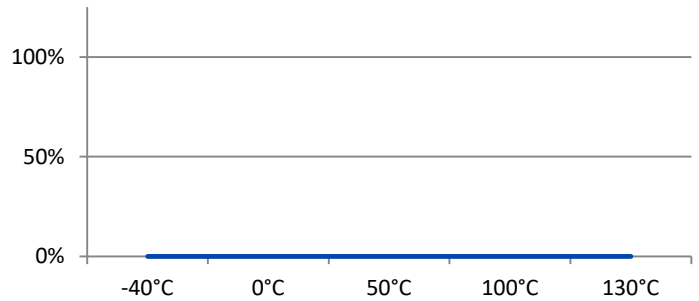
Heat Aging (aged at temp indicated and tested @ 22°C)



Solvent Resistance

Solvent	Example	Resistance
Alcohol	Ethanol, Methanol	0
Ester (aromatic)	Ethylacetate	0
Ketone (aromat)	Acetone, Benzophenone	0
Aliphatic hydrocarbon (alkanes)	Petrol, Heptanes, Hexane	0
Aromatic hydrocarbons	Benzyl, Toluol, Xylol	0
Halogenated hydrocarbons	Methylenchloride, Chloroform, Chlorobenzol	0
Weak aqueous	Nitrite, muriatic acid, sulphuric acid, phosphoric acid	0
Weak aqueous base	sodium hydroxide solution, caustic potash	0

Hot Strength (%RT strength, tested at temperature)



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H.B. Fuller Company
 9001 W. Fey Drive
 Frankfort, IL 60423
 +1.800.552.0299
www.hbfuller.com

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