

## Loctite® PRISM® 454 Instant Adhesive Gel

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

### Material Notes:

Cyanoacrylate Bonding Adhesives Loctite® technology has made the productivity promises of cyanoacrylate adhesives a reality with the industry's widest selection of high-performance, application-specific, instant adhesives. Loctite® Instant Adhesives are available in a variety of viscosities, cure speeds, gap-filling capability and substrate compatibility. The ultra high-performance PRISM® family offers additional products that surpass the most stringent demands, including toughened formulations, low odor and low blooming products, surface insensitive and thermally resistant formulations. Loctite® 454 Surface Insensitive Ethyl PRISM® Instant Adhesive Gel A general-purpose, no-run clear gel. Can be applied to vertical surfaces. Excellent for almost all surfaces. Ideal for porous substrates and rough acidic surfaces. Bonding Type: Cyanoacrylate Agriculture Canada approved. Typical Use: Porous surfaces

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Loctite-PRISM-454-Instant-Adhesive-Gel.php](http://www.lookpolymers.com/polymer_Loctite-PRISM-454-Instant-Adhesive-Gel.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	22.1 MPa	3200 psi	Grit blasted steel

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.2 °C	180 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.250 min	0.00417 hour	
	1440 min	24.0 hour	Full Cure; Varies with substrates

Descriptive Properties	Value	Comments
Color	Clear	
Gap Fill	0.01 in.	
Viscosity	Gel	

## Contact Songhan Plastic Technology Co.,Ltd.

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