

SI1500

SI1500 is a surface insensitive cyanoacrylate adhesive that is used in applications that require faster cure speeds, on parts that are dry, and on parts that may be acidic. The SI Series bonds a wide range of similar and dissimilar surfaces. The SI Series provides exceptional performance in a wide range of applications

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

Technical Data				
Uncured Material Characteristics		Value	Condition/Method	
Viscosity		1500 cPs		
Specific Gravity		1.06		
Storage Condition		< 22°C		
Set Time	Steel	< 10 sec		
	Aluminum	<10 sec		
	Neoprene	<5 sec		
	ABS	<10 sec		
	PVC	<10 sec		
	Polycarbonate	<10 sec		
	Phenolic	<10 sec		
Cured Material Ch	aracteristics			
Shear Strength	Steel	>2100 psi	ISO 4587	
	Aluminum	>1750 psi	ISO 4587	
	Neoprene	>750 psi	ISO 4587	
	ABS	>900 psi	ISO 4587	
	PVC	>900 psi	ISO 4587	
	Polycarbonate	>900 psi	ISO 4587	
	Phenolic	>850 psi	ISO 4587	
Tensile Strength		>1800 psi	ISO 6922	
Damp Heat Aging		100%	Strength on PC after 500 hrs at 40°C,	
			95% R.H.	
Dielectric Constant		2 to 3.5 at 1kHz	ASTM D150	
Dissipation Factor		< 0.02 at 1kHz	ASTM D150	
Volume Resistivity		2 to 10 x 10^15 ohm cm	ASTM D257	



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.

Specifications and Approvals

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.

Safety & Disposal

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

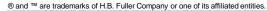
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