

Loctite® Tak Pak® 444 Instant Adhesive

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

Material Notes:

Cyanoacrylate Bonding Adhesives and Gasketing and Wire TackersLoctite® 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® innovative gasketing products offer precise, reliable sealing of electronic enclosures, protecting them from environmental hazards. Loctite offers both Form-in-place (FIP) and Cure-in-Place (CIP) compression gasket materials.Loctite® Tak Pak Adhesives are used to secure wires to printed circuit board assemblies.

The fast cure times of these adhesives help increase the throughput of the wire tacking assembly process.Loctite® 444 General Purpose

Ethyl Tak Pak™ Instant AdhesiveAn adhesive designed for printed circuit board assembly and repair. Cures instantly with Tak Pak®

Accelerator. Used to tack jumper wires and wires to coil forms. Tamper-proof adjustable components. Mounting standoffs, edge guides and stiffeners to circuit boards. Cure Type: Accelerator Bonding Type: Ethyl cyanoacrylate Commercial item std. A-A-3097 Type II, Class 3

Typical Use: Tak Pak® Wire tacking adhesive

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-Tak-Pak-444-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	
Viscosity	700 cP	700 cP	

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	0.500 min	0.00833 hour	
	1440 min	24.0 hour	Full Cure; Varies with substrates

Descriptive Properties	Value	Comments
Color	Clear	
Gap Fill		

Descriptive Properties	0.007 in. Value	Comments
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