

PALM LABS ADHESIVES
3063 Enterprise Road, DeBary FL, 32713
Phone (321) 710-4850 Fax (321) 710-4875
Email: Sales@PalmLabsAdhesives.com

TURBO FUSE SERIES 180 – MEDICAL DEVICES APPROVED (2400 Viscosity)

Palm Lab's Cyanoacrylate is a one component rapid bonding adhesive. TURBO FUSE SERIES 180 - MEDICAL DEVICES APPROVED advanced formula is designed to polymerize instantly by absorbing surface moisture. The product's performance has been tested with a variety of materials, and is recommended for a multitude of applications. The fast curing qualities make it especially desirable in high speed industrial production. TURBO FUSE SERIES 180 - MEDICAL DEVICES APPROVED is ideal for use in applications that require an easily handled high viscosity adhesive approved for use on Medical Devices.

Part Numbers for this TDS: 04-180M, 10-180M, 15-180M, 20-180M, 25-180M, 30-180M

PHYSICAL PROPERTIES (Liquid State)

Base compound (Resin)	Ethyl Cyanoacrylate
Appearance	Clear Liquid
Viscosity cP	2300 to 2500
Specific Gravity	1.05
Flash Point	170° F - 200° F (Tagliabue closed cup)
Shelf Life	1 Year
Soluble in Acetone, MEK, Amide, Methylene Chloride	

PHYSICAL PROPERTIES (Cured State)

Appearance	Clear-Hard
Softening Temperature (Fahrenheit)	300°F.
Service Temperature (Fahrenheit)	-65° to 180°F.
Hardness Barcol	65
Dielectric Constant at 1 MHz.	3.33
Specific Resistance	8.6 X 10 ² ohm/cm
Strength psi-Tensile Shear	2,500
Gap Fill	0.008 "

MATERIAL SET UP TIME

Aluminum to Aluminum	< 20 seconds
Steel to Steel	30 to 50 seconds
Phenolic to Phenolic	< 40 seconds
Polycarbonate to Polycarbonate	50 to 70 seconds
Rubber to Rubber	< 10 seconds

INFORMATION ON THIS PRODUCT AND OTHERS SUPPLIED TO USER IS BASED ON OUR GENERAL EXPERIENCE AND IS GIVEN IN GOOD FAITH, BUT BECAUSE OF THE MANY PARTICULAR FACTORS WHICH ARE OUTSIDE OF OUR KNOWLEDGE AND CONTROL AND AFFECT THE USE OF THE PRODUCT, NO WARRANTY IS GIVEN OR IMPLIED WITH RESPECT TO SUCH INFORMATION. FREEDOM UNDER PATENTS, COPYRIGHTS AND REGISTERED DESIGNS CANNOT BE ASSUMED.

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Toll Free Phone 1-855-752-4583 Fax (321) 710-4875 Email: Sales@PalmLabsAdhesives.com

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