

PALM LABS ADHESIVES
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TURBO FUSE SERIES 130 – MEDICAL DEVICES APPROVED (100 Viscosity)

Palm Lab's Cyanoacrylate is a one component rapid bonding adhesive. TURBO FUSE SERIES 130 - 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 130 - MEDICAL DEVICES APPROVED is ideal for use in applications that require an easily handled medium viscosity adhesive approved for use on Medical Devices.

Part Numbers for this TDS: 04-130M, 10-130M, 15-130M, 20-130M, 25-130M, 30-130M

PHYSICAL PROPERTIES (Liquid State)

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|--|--|
| Base compound (Resin) | Ethyl Cyanoacrylate |
| Appearance | Clear Liquid |
| Viscosity cP | 90 to 110 |
| 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 | 0.005 " |

MATERIAL SET UP TIME

| | |
|--------------------------------|------------------|
| Aluminum to Aluminum | 5 to 10 seconds |
| Steel to Steel | 10 to 30 seconds |
| Phenolic to Phenolic | 5 to 10 seconds |
| Polycarbonate to Polycarbonate | 5 to 15 seconds |
| Rubber to Rubber | < 5 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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