

Product Brochure For T970

Cyanoacrylate Adhesive - 8401-20

20 grams

General Purpose



ORDER CODE:	T970
MODEL:	8401
Type:	Cyanoacrylate Adhesive & General Purpose
Cure Time:	Fixture: 12 sec & Full Cure: 24 Hours
Viscosity (cps):	80 - 120
Gap Fill:	0.2mm
Specific Gravity:	~
Temperature Range:	~
Size:	20 grams



Description

8401

Surface Insensitive Ethyl Cyanoacrylate Adhesive

General purpose instant adhesive ideal for bonding rough, porous and acidic surfaces including Wood, Cardboard, Balsa Wood, Rubbers, Plastics, Metals, Leather, etc as well as a wide variety of industrial manufacturing and repairing applications.

Chemtools 8401 is medium viscosity combined with fast cure speed, surface insensitive cyanoacrylate adhesive (CA). It is specifically formulated to bond difficult surfaces with high industrial strength.

Meets Military specification MLLA 46050 Type II Class II

Colour: Clear

BONDING TIMES:

Plastics: 2-5 seconds Rubbers < 3 seconds
 Wood: 1-5 seconds Leather 5-15 seconds
 Metals: 8-10 seconds Ceramics 12-18 seconds

PHYSICAL PROPERTIES

Composition: Surface Insensitive Ethyl Cyanoacrylate
 Appearance: Colourless liquid
 Viscosity: 80-120 cps
 @ 250C Brookfield LVF

CURED ADHESIVE:

Gap Filling: 0.2mm
 Tensile Shear Strength: 18-28 n/mm²
 Service Temperature Range: -60 to +80°C
 Full Cure: 24 hours
 Melting Point Temperature: 160 to 170°C

MECHANICAL PROPERTIES:

Glass Transition Temperature, ASTM E228, °C: 122
 Dielectric Strength, ASTM D149, v/mil: 625
 Coefficient of thermal expansion, ASTM D696, K-1: 90 x 10⁻⁶



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Coefficient of thermal conductivity: 0.1
ASTM C177, W.m-1K-1
Shear Strength
ASTM D 1002/DIN 53283

Grit Blasted Steel >20 N/mm²
Etched Aluminium >18 N/mm²
Rubbers >22 N/mm²
Wood >25 N/mm²
Polycarbonate >12 N/mm²
ABS >10 N/mm²