

Product Brochure For T971

Cyanoacrylate Adhesive - 8406-20

20 grams

Low Viscosity Wicking Grade



ORDER CODE:	T971
MODEL:	8406
Type:	Cyanoacrylate Adhesive & Low Viscosity Wicking Grade
Cure Time:	Fixture: 12 sec & Full Cure: 24 Hours
Viscosity (cps):	20
Gap Fill:	0.05mm
Specific Gravity:	~
Temperature Range:	~
Size:	20 grams



Description

8406

Wicking Grade Cyanoacrylate Adhesive

Chemtools 8406 is low viscosity combined with fast cure speed, surface insensitive cyanoacrylate adhesive (CA). It is specifically formulated to bond difficult surfaces with high industrial strength.

APPLICATIONS:

Ideal for bonding rough, porous and acidic surfaces including Wood, Cardboard, Balsa Wood, Rubbers, Plastics, Metals, Leather, etc.

Wide variety of industrial manufacturing and repairing applications

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: Ethyl Cyanoacrylate

Appearance: Colourless liquid

Viscosity@ 25°C: 20 cps

Brookfield LVT Spindle 1@ 30 rpm

Cured Adhesive

Gap Filling: 0.05mm

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

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

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Polycarbonate >12 N/mm²
ABS >10 N/mm²

Mechanical Properties:

Coefficient of thermal conductivity, ASTM C177, W.m-1 k-1: 0.1
Glass Transition Temperature, ASTM E228: 122°C
Coefficient of thermal expansion, ASTM D696, K-1: 75 x 10-6
Dielectric strength, ASTM D149, kV/mm: 27
Volume resistivity, ASTM D257, Ohm.cm: 1 x 10¹⁶
Dielectric constant, 25 °C, ASTM D150: 2.7