

10-3013

CYANOACRYLATE ADHESIVE

DESCRIPTION:

10-3013 is a medium viscosity, instant setting Ethyl Cyanoacrylate adhesive. This fast-setting adhesive is formulated for the bonding of plastics, rubbers, paper, metals, and other common substrates.

10-3013 is one component and therefore does not require any weighing or mixing of a curing agent.

APPLICATIONS:

10-3013 relies less on surface moisture for cure speed than standard cyanoacrylates. It is recommended for use on close-fitting parts and smooth, even surfaces.

10-3013 is ideal for quick production assembly, field repairs, and prototype assembly. This unique adhesive has found extensive use in aerospace, electronics, automotive, jewelry, medical, hardware, and other OEM industries.

TYPICAL SPECIFICATIONS:

Viscosity, cps	80-120
Typical Value	100
Appearance	Water Clear
Chemical Type	Modified Ethyl
Typical Cure Speed	
steel/steel	<25 seconds
ABS/ABS	<10 seconds
rubber/rubber	<10 seconds
Fixture Time, seconds	10-30
Full Cure, hours	24
Temperature Range, °C (continuous)	-50 to +80
Flash Point, °C	>85
Specific Gravity, 25°	1.06
Tensile Strength (N/mm ²)	20
Shelf Life @ 5°C, months	12
Gap Filling Capacity, mm	Up To 0.15

INSTRUCTIONS FOR USE:

1. Bond speed is fast so ensure parts are properly aligned before bonding.
2. 10-3013 is normally applied directly from the bottle.
3. Apply sparingly to one surface and press parts firmly together until handling strength is achieved
4. The minimum amount of cyanoacrylate adhesive should be used - over application will result in slow cure speed and lower bond strength.

PREPARATION OF SURFACES:

Surfaces to be bonded must be clean, dry, and free from oil and grease. Adhesion works best on close-fitting parts and smooth, even surfaces.

PACKAGING:

From stock 20-gram, 1 oz., and 1 lb. bottles.

STORAGE & HANDLING:

Avoid exposure to sunlight and store in a cool, dry location. Shelf life is twelve months in a sealed container. Refrigeration to 5°C gives optimum storage stability. Please read the Safety Data Sheet before using this or any other chemical.

HYGIENE & SAFETY:

10-3013 is a powerful adhesive which instantly bonds skin and can cause severe eye injury. If skin contact occurs, apply a solvent such as acetone and gently remove the adhesive. Do not use solvent in case of eye contact or open wounds. For eye contact, hold the eyelids open and immediately flush with water. Medical attention should be obtained. Keep out of reach of children. Review the SDS before using this product.

IMPORTANT:

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