

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 fairly smooth, even surfaces.

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

TYPICAL SPECIFICATIONS:

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



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 MSDS before using this product.

AVAILABILITY & STORAGE:

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

INSTRUCTIONS FOR USE:

Bond speed is fast so ensure parts are properly aligned before bonding. Ensure that parts are clean, dry and free from oil and grease. Product is normally applied directly from the bottle. Apply sparingly to one surface and press parts firmly together until handling strength is achieved. The minimum amount of cyanoacrylate adhesive should be used - over application will result in slow cure speed and lower bond strength.

IMPORTANT:

The information in this brochure is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

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