

Technical Data Sheet

ADTECH® 4003

CYANOACRYLATE

ADTECH® 4003 IS A MEDIUM VISCOSITY MODIFIED ETHYL CYANOACRYLATE ADHESIVE.

ADTECH® 4003 IS SUITABLE FOR BONDING A VERY WIDE RANGE OF MATERIALS, INCLUDING SOME POROUS ONES, WHERE A FAST CURE SPEED IS REQUIRED.

Adtech® 4003 is specially formulated for the bonding of plastics, rubbers, wood, paper, leather, metals and other common substrates. Adtech® 4003 relies less on surface moisture for cure speed than standard cyanoacrylates. Recommended for use on close-fitting parts and fairly smooth, even surfaces

BENEFITS

- Fast set
- Small pack size
- Ideal for inclusion in product kits

AVAILABLE COLOURS

Clear

TECHNICAL DATA

Chemical base:	Ethyl
Specific gravity:	1.06
Viscosity cPs:	
Range	80-120
Typical value	100
Tensile strength:	21 N/mm ²
Fixture time:	3-20 secs
Full cure:	24 hours
Flash point:	>85°C
Max gap fill:	0.15mm
Operating temperature range:	-50 to +80°C
AVAILABLE SIZES	
Tube	3g

PREPARATION AND APPLICATION

Bond speed is very fast so ensure that parts are properly aligned before bonding.

Activators may be required if there are gaps or porous surfaces. Some plastics may require application of Primer.

Ensure parts are clean, dry and free from oil and grease.

Product is normally hand applied from the bottle. Apply sparingly to one surface and press parts firmly together until handling strength is achieved. As a general rule, as little cyanoacrylate as possible should be used – over application will result in slow cure speed and lower bond strength.

HANDLING AND STORAGE

Consult Safety Data Sheet prior to use.

Always test Adtech® 4003 to determine suitability for your particular application prior to use in production

SDS must be read and understood before use.

Adtech® 4003 should be stored in a cool area out of direct sunlight. Refrigeration to 5° C gives optimum storage stability. It has a storage life of 12 months when stored at 5°C.

DISCLAIMER: Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Ureka Global Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Ureka Global Ltd.

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