

Technical Data Sheet

ADTECH® 4109

TOUGHENED CYANOACRYLATE



ADTECH® 4109 IS A HIGH PERFORMANCE, HIGH VISCOSITY RUBBER TOUGHENED CYANOACRYLATE, FORMULATED TO PROVIDE HIGH PEEL STRENGTH AND SHOCK RESISTANCE ON A WIDE VARIETY OF SUBSTRATES.

ADTECH® 4109 CURES ALMOST INSTANTLY TO FORM A TOUGH FLEXIBLE THERMOPLASTIC BOND.

Adtech® 4109 can be used with Adtech® 1001 Activator to accelerate curing in applications such as tacking or strain relief of components. Adtech® 4109 is used in a huge variety of industrial applications. From OEM to MRO industries, this grade can be used to bond metals, most plastics, rubbers, glass fibre, ceramics and leather.

BENEFITS

- High performance
- High peel strength
- High shock resistance
- Bonds plastics and rubbers

AVAILABLE COLOURS

Clear

TECHNICAL DATA

Brookfield viscosity:	4000 - 7000 mPas
Cure speed:	<60 seconds
Temperature resistance (constant):	-55°C to 85°C
Temperature resistance (intermittent):	>100°C
Typical strength:	15 to 30N/mm ²

AVAILABLE SIZES

Bottle	20g
Bottle	50g
Bottle	500g

PREPARATION AND APPLICATION

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits. Apply adhesive sparingly to one surface, align the components and bring the surfaces together quickly. Apply sufficient clamping pressure to ensure the adhesive spreads out effectively. Allow to fully cure before applying load or stress. Excess adhesive can be carefully cleaned up with solvents such as acetone.

HANDLING AND STORAGE

Use with proper ventilation.

Avoid contact with skin and eyes.

If contact with skin occurs, rinse with warm water or dissolve gradually with appropriate debonder.

Do not try to remove forcibly.

If adhesive gets into eye, keep eye open and rinse thoroughly. Seek medical attention immediately.

Keep well out of reach of children.

Adtech® 4109 should be stored in the original containers in a cool, dry place, at a temperature range of between 5°C and 7°C. In these conditions it has a storage life of at least 12 months

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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