

# Bondloc B382 Cyanoacrylate Adhesive

## PRODUCT DESCRIPTION

B382 is a single part, fast curing high viscosity cyanoacrylate adhesive formulated for electronics applications. B382 is designed to use with activators to attain instant cures for tacking electronic components

## APPLICATIONS

Applications include wire tacking to coil forms, tamper proofing adjustable components, mounting standoffs, edge guides and stiffeners to circuit boards. B382 bonds metals, plastics, wood, ceramics, rubber, leather, card, glass and many other materials.

## INSTRUCTIONS FOR USE

Clean and dry surfaces to be bonded. Apply adhesive sparingly to one surface and assemble parts. Hold or clamp parts together for 60 seconds. Leave for 1 hour to fully cure. Activators and primers may be used to aid bonding.

## LIQUID PROPERTIES

Ester base	Ethyl cyanoacrylate
Appearance	Clear liquid
Specific Gravity	1.043 g/cm <sup>3</sup>
Shelf life	12 months unopened
Viscosity (Brookfield) Sp 4 @20rpm @25°C	4000 - 8000 cps

## CURED PERFORMANCE

### Cured speed

Balsa	<7 seconds
Nitrile	<5 seconds
Neoprene	<5 seconds
EPDM	<7 seconds
Steel (degreased)	20-50 seconds
ABS	10-15 seconds
Polycarbonate	15-25 seconds

## SHEAR STRENGTH

Steel	15 -25 N/mm <sup>2</sup>
Aluminum	7-10 N/mm <sup>2</sup>
Nitrile Rubber	5-10N/mm <sup>2</sup>
Polycarbonate	5-10 N/mm <sup>2</sup>
ABS	6-10 N/mm <sup>2</sup>

## TENSILE STRENGTH

Nitrile Rubber	5 - 15 N/mm <sup>2</sup>
Neoprene Rubber	5 - 15 N/mm <sup>2</sup>
EPDM Rubber	2-6 N/mm <sup>2</sup>

## STORAGE

Bondloc cyanoacrylates should ideally be stored in original sealed containers until used. Containers should be stored between 2°C and 10°C with a maximum storage temperature of 25°C. Avoid exposure to strong light and heat sources. Refrigeration can prolong shelf life.

## PRESENTATION

Bottles..... 20g, 50g, 500g

**PRECAUTIONS:** This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

**Warranty:** All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.