



## PARSON ADHESIVES, INC.

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### PARFIX 3382 High Viscosity Cyanoacrylate Adhesive

PARFIX 3382 is a high viscosity combined with fast cure speed, one component adhesive especially recommended for electronic applications. This product formulated for use with PARFIX activators for tacking electronic components.

#### APPLICATIONS:

- Ideal for bonding Rubbers, Metals and Plastics.
- Ideal for tack jumper wires and wires to coil forms. Small appliances, electronic parts, Computer peripherals, etc.
- Mounting standoffs, edge guides, and stiffeners to circuit boards.

#### PHYSICAL PROPERTIES:

##### Liquid

Composition	Ethyl Cyanoacrylate
Appearance	Clear liquid
Viscosity	5000 cps
@ 25 °C, Brookfield RTV	
Flash Point (TCC), °C	> 87
Specific Gravity @ 25°C	1.05

##### Cured Adhesive

Gap Filling	0.7 mm
Tensile Shear Strength	13-28 n/mm <sup>2</sup>
Full Cure	24 hours
Glass Transition Temperature, ASTM E228	135 °C

## Shear Strength ASTM D 1002, DIN 53283

Neoprene Rubber	> 12 N/mm <sup>2</sup>
Nitrile Rubber	> 12 N/mm <sup>2</sup>
SBR Rubber	> 10 N/mm <sup>2</sup>
PVC	> 6 N/mm <sup>2</sup>
Aluminum	> 19 N/mm <sup>2</sup>
Steel	> 28 N/mm <sup>2</sup>
Polycarbonate	> 7 N/mm <sup>2</sup>
ABS	> 7 N/mm <sup>2</sup>

## Electrical Properties:

### Dielectric constant & loss, ASTM D150

	Constant	Loss
Measured at 1 kHz	3.00	0.028

### Dielectric Strength, ASTM D149, v/mil

650

### Surface resistivity

$1.7 \times 10^{17}$

### Coefficient of thermal conductivity, W.m<sup>-1</sup> K<sup>-1</sup>

0.11

## APPLICATION INSTRUCTIONS

- All surfaces must be clean, dry, dust and grease free. Best result will be achieved with surfaces that have been lightly abraded immediately prior to bonding.
- Apply PARFIX 1155 activator to the area to be bonded by spray or brush.
- Allow the activator enough time to evaporate, under good ventilation, until the surfaces are completely dry.
- Apply cyanoacrylate adhesive immediately upon drying. Secure the assembly and wait for surfaces to fixture before any further handling.

**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.

**Warranty:** All products purchased from or supplied by Parson are subject to terms and conditions set out in the contract. Parson warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Parson 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. Parson 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.