



PARSON ADHESIVES, INC.

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PARFIX 3430 Metal Bonding Cyanoacrylate Adhesive (CA) Medium Viscosity, Fast Cure Speed

ParFix 3430 is medium viscosity combined with fast cure speed, metal bonding Cyanoacrylate adhesive (CA). It is specifically formulated to bond various metals such as Aluminum, Stainless Steel, Copper, etc.

APPLICATIONS:

- Ideal for bonding Metal Surfaces to itself and to Wood, Balsa Wood, Rubber, Plastics, Leather, etc.
- Wiper blades, Nameplates, Gearshift indicators, aerospace parts, automotive parts, Machinery parts, Electronic components, Transportation equipments, etc.
- Ideal for wide variety of metal bonding and fixing applications.
- Meets MLLA 46050 Type I class II specifications requirement

PHYSICAL PROPERTIES:

Liquid

Composition	Methyl Cyanoacrylate
Appearance	Colorless liquid
Viscosity	80-120 cps

Cured Adhesive

Gap Filling	0.1 mm
Tensile Shear Strength	13-20 n/mm ²
Service Temperature Range	-60 to +80 °C
Full Cure	24 hours
Melting Point Temperature	160 to 170 °C

Curing Performance:

Substrate	Fixture Time, Seconds
Aluminium/Aluminium	40 – 60
Stainless Steel/Stainless Steel	30 – 60
Copper/Copper	10 – 20
SBR/SBR	10 – 15
Steel/Steel	10 – 30
Steel/PVC	15 – 20
PVC/PVC	3 – 10

Properties of Cured Materials:

Shear Strength ASTM D 1002/DIN 53283

Grit Blasted Steel	> 20 N/mm ²
Etched Aluminum	> 20 N/mm ²
Stainless Steel	> 20 N/mm ²
Copper	> 13 N/mm ²
Polycarbonate	> 10 N/mm ²
ABS	> 5 N/mm ²

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.
- If using accelerator apply to one component surface only. Apply thin film of adhesive to the other surface and bring the pieces together immediately. Hold for few seconds without disturbing the joints.
- When bonding “O” rings, cut a fresh surface onto each end of the rubber to gain the best possible strength.

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 consider 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 nor infringe any patent.

