

TECHNICAL DATA SHEET

PENOSIL SpeedFix Cyano 626

Transparent cyanoacrylate, high viscosity is designed for a quick bonding of most materials used both in industry and for DIY, including many porous ones.

- Fast and strong adhesion on many materials.
- For smooth and porous surfaces.
- Gluing of materials with different elongations.
- Excellent chemical resistance to most oils and solvents.
- High mechanical resistance with little product.
- Precise dosing of the product.
- Excellent gap-filling capability.

Fields of application

- It is suitable for bonding of a very wide range of materials, including acidic surfaces and some porous ones, where rapid bonding times are required.
- Suitable for MDF, wood, chip wood, rubber, most plastics, leather and other common substrates.
- Especially suitable for the applications where cure speed needs to be accelerated. It is generally recommended for use on close-fitting parts and fairly smooth surfaces.

Adhering

- metals
- porcelain
- plastics
- glass
- elastomers
- rubbers
- wood
- paper
- cardboard
- textiles

Application instructions

Application conditions

Air temperature during use: +5 °C to +35 °C.

Surface preparation

Substrates must be clean, dry, and free of dust, grease and other contaminant which may affect the adhesion. Use organic solvents (alcohol or MEK) to remove all contaminants. Never use soaps, detergents or water. Porous substrates must be mechanically cleaned from loose particles.

Application method

Product is normally hand applied from the bottle. Apply the adhesive in small drops in one of the two surfaces. Apply in enough quantity so that it remains a thin layer when the pieces are assembled. Position and press firmly the pieces to join for a few seconds. A good contact is essential. Do not return excess product to the original container, It can be contaminated. The pieces must be positioned very precise, since there is a very short time manipulation for adjustment. Keep the unions subject until you notice that the adhesive has been fixed.

The use of an activator can reduce the final bond strength by up to 30%.

Cleaning

Wipe off excess glue immediately with a dry cloth. After curing, glue residue is very difficult to remove.

Technical data

Properties	Unit	Value
Glue		
Basis		Ethyl Cyanoacrylate
Appearance		Liquid gel
Density	g/cm ³	1.08
Flashpoint	°C	> 85
Viscosity <i>Brookfield LVF, spindle 3, 30rpm</i>	mPa.s (cP)	1275 - 1650
Temperature Resistance	°C	-50 to +80

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

Colour

Colourless.

Package

20gr; 50 gr.

Storage conditions and shelf life

Guaranteed shelf life is 12 months from production date if stored in an unopened packaging in a cool and dry place at +5 °C to +25 °C

Limitations

- Avoid exposure to strong light and heat sources
- Cyanoacrylates can bond to skin within seconds
- Do not drip into skin or into eyes - can cause serious injury to your eyes.
- Will become hard in container if not closed properly!

Safety regulations

Ensure sufficient ventilation during application. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Highly inflammable, keep away from sources of ignition, open fire, and do not smoke near the product. Keep out of the reach of children. More information is available on the product safety data sheet (SDS).

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice. This TDS replaces and supersedes all previous data sheets on the same product.