



PONAL Turbo Glue

Technical Data Sheet v.2, October 2025

CHARACTERISTICS

PONAL Turbo Glue provides the following product characteristics:

- technology - cyanoacrylate
- chemical type - ethyl cyanoacrylate
- appearance (uncured) - clear to slightly cloudy gel
- one part component - requires no mixing
- high, thixotropic viscosity
- humidity cure
- key substrates - metals, plastics and wood

APPLICATION FIELD

PONAL Turbo Glue is designed for the assembly of difficult to-bond materials which require uniform stress distribution and strong tension and/or shear strength. Product provides rapid bonding of a wide range of materials, including metals, plastics and wood. The gel consistency prevents adhesive flow even on vertical surfaces. PONAL Turbo Glue is also suited for bonding porous materials such as leather, fabric and concrete.

INSTRUCTIONS FOR USE

1. Bond areas should be clean and free from grease. Clean all surfaces with a cleaning solvent and allow to dry.
2. Apply adhesive to one of the bond surfaces (do not apply the adhesive to the activated surface). Do not use items like tissue or a brush to spread the adhesive. Assemble the parts within a few seconds. The parts should be accurately located, as the short fixture time leaves little opportunity for adjustment.
3. Bonds should be held fixed or clamped until adhesive has fixtured.
4. Product should be allowed to develop full strength before subjecting to any service loads (typically 24 to 72 hours after assembly, depending on bond gap, materials, and ambient conditions).

TECHNICAL DATA

Before curing

Specific gravity, @ 25°C, g/cm ³	1.1
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Fixture time, seconds

Steel	30 to 60
Wood (oak)	30 to 60
Fabric	10 to 20
Leather	5 to 15
Paper	5 to 10



LIMITATIONS

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 2°C to 8°C. Storage below 2°C or greater than 8°C can adversely affect product properties.

HEALTH AND SAFETY

For safe handling information on this product, consult the Safety Data Sheet (SDS).

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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