



优胜热熔胶  
Hot Melt Adhesive

Technical Data Sheet  
April, 2025

# PUR Hot Glue TDS

## Model Number: 870.90 (All-Season Version)

**Chemical Name:** Moisture-Curing Reactive Polyurethane Hot Melt Adhesive

**Application:** Used for edge banding in high-end custom furniture and panel furniture.

**Compatible Machine:** PUR fully automatic edge banding machine

**Compatible Substrates:** Engineered board (e.g., Particleboard、MDF、plywood and eco-friendly board etc), honeycomb aluminum board.

**Compatible Edge Banding Materials:** PVC, ABS, melamine paper, veneer

**Components:** Polyester Polyol, Polyether Polyol, Acrylic Resin, MDI, petroleum Resin, fillers

**Viscosity:** Approx. 70,000-90,000 mPas (when 150°C)

**Density:** Approx. 1.25 (g/c m<sup>3</sup>)

**Appearance:** Off white or beige solid in chunks

**Package:** Packaged in nitrogen-filled aluminum foil bag within steel drum, 20 KG/Barrel

**Working Environment:** All-season version, suitable for most regional climates and optimal for edge banding operations within a temperature range of 5°C to 36°C.

**Feed Speed:** >25m/min

**Parameter Setting:** Glue application roller 120-150°C, glue dispenser 120-150°C, glue hose 120-150°C

Generally, the temperature settings for the glue dispenser and glue hose are 5°C lower than that of the glue application roller.

For example: When environment temperature is between 25 and 35°C, set glue application roller to 135°C, glue hose to 130°C, glue dispenser to 135°C.

Settings can be adjusted appropriately based on the environment temperature.

**Spread:** 130-150g/ m<sup>2</sup>

**Characteristics:** high performance, less fillers, adaptable to a wide range of environment temperatures, good initial tack, thin adhesive thread, high strength after reaction, good heat resistance and solvent resistance.



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## Cautions:

1. Check the packaging before use, if the aluminum foil bag is broken and leaking, do not use it.
2. Cleaning: Clean glue application roller, glue hose and glue dispenser with dedicated PUR cleaner.
3. Storage: Shelf life of 12 months if stored in a cool and dry place.



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