

POLYGUM® · FURNITURE GRADE · CODE PG-HR180

POLYGUM® Heat Proof SR Adhesive (HR 180°C)

Synthetic rubber contact adhesive for woodworking and foam with high heat resistance and fast, durable bonding.

Product Description

Synthetic rubber based, solvent containing contact adhesive. It develops initial strength faster and develops contact ability. The adhesive dries to a tough, flexible, plastic film with good resistance to water and heat.

Technical Specification

Property	Typical value
Viscosity	2300 – 3000 cPs
Solid content	26 – 30%
Coverage	30 – 35 sq. ft. / kg
Temperature resistance	Up to 170°C
Setting time	10 – 12 minutes
Pack size	200 ml, 500 ml, 1 ltr, 5 ltr, 25 ltr, 30 ltr

Values are typical and given for guidance; they are not a specification.

Areas of Application

- Laminate on plywood, MDF, particle board and block board
- Bonding leather, fabric, metal foil, foam and other substrates
- High temperature furniture, kitchen counters and interiors, both interior and exterior

Features & Benefits

Product Features

- Solvent based synthetic rubber formula
- Strong initial bond
- Heat resistant, up to approx. 180°C
- Sets in 10 – 12 minutes
- Good tack / grab with adequate tack retention time
- Bonds both flexible and rigid substrates
- Outstanding bond to porous and non-porous substrates in automotive, railway, vehicle building, electrical areas and ship building

Product Benefits

- Protects furniture in high heat
- Durable bond on multiple surfaces
- Fast application, sets in 10 – 12 minutes
- Reliable in demanding conditions

Application Method

- Ensure the surfaces are clean and dry.
- Stir well before use.
- Apply a thin, even coat on BOTH surfaces.
- Allow the adhesive to become touch-dry (5 – 10 minutes).
- Press with maximum pressure.
- Immediate bond; full cure in 24 hours.

Storage & Handling

- Solvent containing product: keep away from heat, sparks and open flames. No smoking in the work area.
- Store in tightly closed containers in a cool, well ventilated place, and use only in well ventilated areas.
- Close the lid immediately after use to prevent skinning and solvent loss.

Health & Safety

Read the Material Safety Data Sheet (Doc. No. MSDS/PG-HR180) before use. It is available at www.synergybonding.in/datasheets.

Disclaimer

The information in this document is based on our present knowledge and laboratory tests, and is given in good faith as a guide. Because conditions of use are beyond our control, users must test the product to confirm its suitability for their own application. No warranty is given or implied, and this document does not relieve the user of the responsibility to comply with applicable laws and regulations.