

TECHNICAL DATA SHEET



'ONE COMPONENT HOT MELT SEALANT FOR INSULATING GLASS UNITS'

APPLICATION FIELD

- Hotver 2000 is a thermoplastic hot applied sealant especially formulated for sealing insulating glass units. Very fast setting allows a quick delivery of double glazed units. Surplus product is recyclable and can be re-warmed again at the end of the processing operations. Hotver 2000 sealant is totally solvent free and can be used either for the production of single seal or dual seal units. Hotver 2000 sealant is suitable with both manual and robotic application technologies.

TECHNICAL CHARACTERISTICS

- BASE** Butyl Rubber
- COLOUR** Black
- CONSISTENCY** Solid mass
- APPLICATION** Application surfaces must be clean, dry and free from fatty residues. Hotver 2000 shall be applied at a temperature between 160 °C (320 °F) and 190 °C (374 °F) using appropriate extruders.
- SETTING TIME** Approx. 30 min. depending on room conditions.
- ADHESION** Excellent on glass, aluminum, stainless steel, galvanized steel. Peel strength 180° to glass with cohesive failure: 120N/25 mm. Application surface must be clean, dry and free from fatty residue.

PHYSICAL-CHEMICAL CHARACTERISTICS

• VISCOSITY (180 °C)/351 °F	60 ± 20 (Pas)	PP Ø 25 mm
• DENSITY (20°C)/68 °F	1.10 (gr/cm ³)	DIN 53217
• MOISTURE VAPOR TRANSMISSION RATE	0.06 (gr/m ² •24hrs•2mm)	EN 1279/4
• GAS PERMEATION ON FILMS	2.32 x 10 ⁻³ (gr/m ² •hrs)	EN 1279/4
• ELONGATION AT YIELD	approx. 20 (%)	EN 1279/4
• STRESS AT YIELD	approx. 0.2 (MPa)	EN 1279/4
• STRESS (A B)	0.18 (MPa) ± 20 %	EN 1279/4
• VOLATILE CONTENT (70 °C)	Max 0.3 (%)	EN 1279/6

- COMPATIBILITY** Compatibility with all materials which might eventually come in contact with Hotver 2000 shall be verified before usage. For details please contact info@fenzi-na.com.
- STORAGE** 12 months in the original drums. Possibly in dry and fresh rooms at a temperature between +10 °C (50 °F) and + 30 °C (86 °F).
- PRODUCT CLASSIFICATION** Not dangerous according to regulations in force.
- PACKING** Steel drums/440 lbs. per drum. Please inquire if other packaging required.