Technical Product Information

ADiNO® HM PU 9076.0

Wrapping Hotmelt Adhesive

Application

- Wrapping of wood-based, PVC and Alu profiles with paper foils, thermoplastic foils such as PVC and PP, and thin veneer.

Characteristics

- Highest heat, water and solvent resistance
- Very wide adhesion spectrum, high adhesion to plastic foils
- High initial tack.
- Very low consumption
- Excellent cold flexibility
- Long open time

Technical Data			
Basis		:	PU
Colour		:	.0 = natural
Viscosity @ 140°C	(Brookfield)	:	approx. 25,000 mPa.s
Density		:	approx. 1.15 g/cm^3
Softening Point	(R&B)	:	approx. 70°C
Application Temperature		:	120-150°C
Open time		:	approx. 30 seconds
Feeding Speed		:	10-30 m/min
Curing time* (depending on temperature and humidity)		:	approx. 5 days

*= Internal test method

Instruction for Use

Use special air-tight melting equipment for reactive PUR-based hotmelt and apply the adhesive using slot nozzle or roller applicator. Suitable for use in automatic hotmelt application equipment at the recommended working temperature. During longer machine downtimes, we recommend reducing the temperature of the application system to <80°C.

Thermoplastic materials and aluminium shall be pre-treated (corona and/or primer). It's recommended that the ambient temperature shall be above 15°C, the application surface shall be clean from dirt, dust, oil and grease.

For flushing the melting unit, hoses, nozzles and other application parts we recommend using ADiNO® CL 9911.6.

The bonding results depend on used materials, machine settings, ambient conditions, etc.; therefore, customer trials are necessary.

Packaging / Storage

20kg alu pouch, 20kg hobbok / shelf-life 12 months after production date.
Keep in a cool and dry place

All information based on internal tests and many years of practical experience.
The variety of materials used and different work conditions, which lie beyond our control, preclude any claims based on this data.
We recommend performing sufficient test and pilot run that our technical service team gladly support.

October 2026, Adino GmbH. *Email: info@adinoklebstoffe.de – www.adinoklebstoffe.de*
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