

ADiNO® FG 8450.0

Pressure Sensitive Hotmelt Adhesive

Application

- In manual and automatic hotmelt application equipment
- Assembly bonding of PU foam to itself, to non-woven materials, to textile materials and all other commonly used materials in the mattress and upholstery industry.
- Manufacture of self-adhesive articles

Characteristics

- Good adhesion to different types of materials
- High cold tack
- Good thermal stability
- Good sprayability
- All components comply with paragraph 21CFR175.105 of FDA Legislation

Technical Data

Basis	:	synthetic resins
Appearance	:	pillow
Colour	:	white transparent
Viscosity @ 160°C (Brookfield)	:	approx. 2,000 mPa.s
Density	:	approx. 0.97 g/cm ³
Softening Point (R&B)	:	approx. 80°C
Application Temperature	:	160-170°C
Open time	:	3-5 minutes

Instruction for Use

Apply the adhesive using a manual or automatic nozzle, roller or spray application system at recommended working temperature.

During longer machine downtimes, we recommend reducing the temperature of the application system to < 80°C.

Factors such as temperature, substrate and application quantity influence the open time / tackiness and setting time; increased temperatures extend the open and setting time.

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

Clean the application equipment with a spatula while the adhesive is hot. For flushing and cleaning the melting unit, hoses, nozzles and other application parts we recommend using ADiNO® CL 4980.0.

Packaging / Storage

20 kg box / 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.

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