

ADiNO[®] FG 8952.0

Mattress Hotmelt Adhesive

Application

- 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.

Characteristics

- Good adhesion to different types of materials
- Good thermal stability
- Good hot and cold tack
- Very low odour
- Suitable for in-line roll packing
- High green strength

Technical Data

Basis	:	PU
Appearance	:	block
Colour	:	.0 = natural
Viscosity @ 160°C (Brookfield)	:	approx. 7,000 mPa.s
Density	:	approx. 1.05 g/cm ³
Softening Point (R&B)	:	approx. 71°C
Application Temperature	:	130-160°C
Open time	:	2-3 minutes

Instruction for Use

Use special air-tight melting equipment for reactive PUR-based hotmelt and apply the adhesive using a 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 <100°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.

In case of long-term stop of the machine, we recommend cleaning the roller applicator with the powder cleaner ADiNO[®] CL 9902.0. For flushing the melting unit, hoses, nozzles and other application parts we recommend using ADiNO[®] CL 9911.6.

Packaging / Storage

20kg hobbock and 180kg metal drum / 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.

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