Technical Product Information

ADiNO® FG 4300.0 NF

Solvent-Based Foam Glue

Application

- Assembly bonding of upholstery PU foam material to itself, to fabrics, leather, wood, wood-based boards, plastics, metal, hardboard, paper-board, rubberized hair, fleece and other plasticizer free materials.
- Typically used in the mattress & upholstery industry.
- Especially suitable if metallic spring material is used, as no ignition from electrostatic discharges.

Characteristics

- Non-flammable.
- Fast drying, fast setting.
- One or two side application.
- High initial tack.
- Soft glue-line
- Very good sprayability.
- Low odour.

Technical Data			
Basis		:	Synthetic Polymer
Colour		:	beige
Solid content		:	approx. 32 %
Viscosity @ 30°C		:	approx. 150 mPa.s (Brookfield)
Density		:	approx. 1.15 g/cm³
Application quantity	*(depending on materials used)*	:	130-170 g/m² in one-side application
		:	65-80 g/m² per side in two-side application
Open time	*(Adino test method)*	:	approx. 3 minutes in one-side application approx. 10 minutes in two-side application

Instruction for Use

Apply the glue from flow-cup, pressure tank, or pump system, nozzle 1.5 – 2.0 mm, material pressure 2-5 bar.
One-side application and immediate joining for low-tension bonding. For higher tension, let the glue evaporate for a few seconds and join with higher strength, or use two-side application.
The open time / tackiness is influenced by the temperature, humidity and material used and therefore self-test is necessary to determine accurate application parameters.
Don't use for Polystyrene-foam (PS).
Use cleaner ADiNO® CL 4972.0 to clean equipment after use or in case of long-term work stops, or to dilute ADiNO® FG 4300.0 NF.

Packaging / Storage

200 kg drum, 20 kg pail / shelf-life 9 months after production date in tightly sealed container
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 2023, Adino GmbH. *Email: info@adinoklebstoffe.de – www.adinoklebstoffe.de*
Lange Wand 16 - 27753 Delmenhorst, Germany