FT Card

1075S AD 99-E plastic adhesive

Product Description:	Solvent-based, fast-curing polyurethane adhesive for industrial use.
Appearance:	Nearly clear, viscous adhesive.
Applications:	Suitable for bonding various plastics, leather, artificial leather, fabric, rubber mixtures, and other materials (not suitable for PP, PE, or PTFE plastics). Typical applications include bonding footwear, protective covers, air mattresses, toys, raincoats, diving and wetsuits, inflatable boats, and plastic and rubber parts in vehicles.
Key Features:	Single-component polyurethane-based contact adhesive Solvent-based (acetone) Nearly colorless adhesive joint Good water and frost resistance in the adhesive bond Available in an antistatic version (1073) Also available in a toluene-free version (1074AS)

Technical Specifications

Density:	0.86 g/ml
Solid content:	Approx. 18%
Adhesive coverage:	4-5 m²/l depending on the material being bonded
Open time:	2-5 minutes, depending on adhesive quality and environmental conditions. The adhesive remains heat-activatable for several weeks.
Temperature resistance:	-50°C to 90°C without hardener. When using 3-5% of 1600 AD hardener, the heat resistance of the dry adhesive joint is approx. 120°C.
Working temperature:	+10°C to +25°C
Chemical resistance:	Good
Shelf life:	24 months from the manufacturing date; storage temperature +5°C to +25°C
Thinner:	0276 Acetone
Color:	Clear
Tools:	Brush, roller, or spray gun
Tool cleaning:	0276 Acetone
Packaging sizes:	Metal containers in 0.3L, 1L, 3L, 10L, 20L

Instructions for Use

Surface Preparation:	Ensure surfaces to be bonded are clean and free of dust. If necessary, roughen the surfaces slightly. PVC surfaces should be cleaned with acetone before bonding.
Application:	Apply a thin, even layer of adhesive on both surfaces using a suitable tool like a brush. The working temperature must be over +10°C. Allow the adhesive to dry for approximately 2-5 minutes, depending on environmental conditions. Press the surfaces firmly together, ensuring no air bubbles are trapped.
Heat Activation:	Over-dried adhesive surfaces can be reactivated with heat or acetone. The adhesive surfaces can be made tacky again by heating them to around +80°C, after which the surfaces should be pressed together while still warm. Heat activation can be performed up to a week after applying the adhesive, provided the surfaces remain clean. The adhesive surfaces can also be reactivated with acetone. The adhesive bond is immediately strong but reaches full strength after 1-2 days. The adhesive joint is frost-resistant once dry.
Cleaning:	Any stains or excess adhesive can be removed with acetone.
Environmental Information:	Liquid adhesive must be disposed of at a hazardous waste facility. Do not release the product into drains, watercourses, or soil. Dried adhesive waste and empty containers can be disposed of at a waste facility.

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Warnings:	Refer to the separate safety data sheet for detailed information.
Safety Information:	Causes severe eye and skin irritation. Appropriate respiratory protection, gloves, and protective clothing must be worn. The vapors can cause drowsiness and dizziness. A safety data sheet is available and can be downloaded from the Fintex website under the product section.
Flammability:	Highly flammable liquid and vapor.
Transport:	ADR Transport class UN 1133 (adhesives containing flammable liquid), hazard class 3

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