

KLEIBERIT 729.8

EVA Hotmelt Adhesive

Field of application

- Special adhesive for the air filter industry
- Bonding and fixing filter paper folds

Advantages

- Very good melting properties in holding tanks and hoppers
- Well suited for continuous, thread-like application
- Can be processed with the finest nozzles
- Set against bacterial and mold infestation

Properties of the bond

- Tough-elastic adhesive bead, good bonding strength
- Excellent heat resistance, does not embrittle
- Hardly any after-tack at high temperatures
- Good stability against yellowing with longer life of the adhesive in the melting pot

Properties of the adhesive

Base:	EVA-copolymers
Specific weight:	approx. 1.09 g/cm ³
Colour:	whitish
Viscosity	
Brookfield HBTD:	
at 140° C:	18,000 ± 3,000 mPa s
at 160° C:	10,000 ± 2,000 mPa s
Softening point (ring and ball):	115 ± 5°C
Open time:	approx. 15 seconds (see Processing)

Delivery form:	granules
Identification:	identification not required according to EU regulations (see our safety data sheet)

When hotmelt adhesives are melted and applied, vapours are set free and an unpleasant odour can occur, even if the recommended working temperature has been observed. Moreover if the prescribed working temperature is exceeded over a longer period, harmful decomposition products can develop. Precautions should be taken to eliminate the vapours, e.g. by using a suitable ventilation system.

Application methods

With all customary hotmelt processing devices. We will be pleased to provide names and addresses of machine manufacturers.

Processing

The most favourable application temperature is between 140°C and 160°C.

The adhesive is applied to one side only. For fixing the folds apply the adhesive in threads over the edge of the pleat.

The **open time** is dependent on the thermal conductivity of the substrate, the application temperature of the hotmelt adhesive and the volume of the dispensed adhesive, (in dot, film, or bead form)

Test example: 2 mm diameter bead, temperature of the hotmelt immediately after the nozzle 160°C, substrate = filter paper: **open time 16 seconds**

Forced air applied after the application nozzle accelerates the setting process.

Cleaning

Please observe the cleaning instructions given by the manufacturers of the hotmelt applicators.

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Packaging

paper bag, 25 kg net

Additional packing sizes upon request

Storage

KLEIBERIT 729.8 can be stored for approx. 2 years.

Keep in a dry and cool place.

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Disposal of containers and contents

Waste disposal key 080410

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.
Our containers are made of recyclable material.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.