

KLEIBERIT 723.1

Pressure Sensitive Hot Melt Adhesive

Fields of application

- Bonding of thermoplastic foil (e.g. PE) on to different surface materials

Advantages

- Good adhesion to wood materials, cardboard as well as onto many thermoplastic and thermosetting plastics, foam plastics
- Long permanent tack and long open time
- The consistency of the KLEIBERIT 723.1 complies with the FDA guideline 21CFR § 175.105.
- Fluorescent to achieve easier application control

Properties of the adhesive

Base: thermoplastic rubber

Specific gravity: approx. 0.95 g/cm³

Colour: light yellow

Viscosity - Brookfield HBTD:

at 160 °C: 6,000 ± 1.500 mPa·s

at 180 °C: 3.000 ± 1.000mPa·s

Softening point (ring and ball): 100 ± 5 ° C

Working temperature: 150-170 °C

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

On melting and applying hot melt adhesives, vapours are set free even when the recommended working temperature has been observed and an unpleasant odour can sometimes occur. Moreover, there is the danger of forming decomposition products injurious to health if the prescribed working temperature is exceeded considerably for a longer time. Precautions should be taken for eliminating the vapours, i.e. by an appropriate ventilation/exhaust device.

Application techniques

When using cubes remove the silicone paper before processing.

The adhesive can be applied with roller application units and nozzle application units with pump. The working temperature should be between 150°C and 170°C.

The higher the temperature the lower the viscosity of the hot melt adhesive, thus the wetting of the material surface to be bonded is improved.

The application quantity is dependent on the surface quality of the materials and the existing joint tolerance.

If a long waiting time between application of the adhesive and bonding is desired the film should be covered with silicone paper.

Because of the wide range of silicone paper available, no general recommendation can be made regarding suitability for covering the adhesive film. Individual tests dependant upon later requirements must be performed by the user.

The bonding process must be carried out under pressure in order to guarantee a good wetting of the face to which no adhesive has been applied.

Cleaning

When cleaning application devices, please observe the manufacturer's instructions.

Packaging

Carton with 9 cubes, total 14 kg net

Steel drum, 150 kg net

Additional packaging sizes upon request.

Storage

KLEIBERIT 723.1 can be stored for approx. 2 years.

Keep in a cool and dry place.

Version 12/06/2018 xv; replaces previous versions

KLEIBERIT 723.1

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.