

# KLEIBERIT 711.0.52 ME

## Reactive PUR-Hotmelt Adhesive

### Fields of application

- Surface lamination of transparent plastic foils with suitable bonding agent on the adhesive site

### Advantages

- Low processing temperature
- Very temperature and humidity resistance of the adhesive joint
- Lightfast

### Properties of the adhesive

<b>Base:</b>	polyurethane
<b>Specific weight:</b>	approx. 1.1 g/cm <sup>3</sup>
<b>Viscosity</b> (on the day of production)	
<b>Brookfield HBTD 10 rpm:</b>	
at 120° C	8,000 ± 1,500 mPa s
at 140° C	4,000 ± 1,000 mPa s

**Identification:** see our safety data sheet

**- ME-Product (Micro-Emission),  
Residual monomer content < 0.1 %**

### Attention

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 techniques

Common processing temperature: 110 – 130 °C

The temperature control in the processing machine must be adjusted so that the temperature of the adhesive melt is never greater than 130 °C!

Application per slot nozzle, roller or nozzle.

Reference value for open time when applied to

chipboard:	< 1 minute
For an application quantity:	100 g/m <sup>2</sup>
Application temperature:	120°C
Ambient temperature:	20°C

Chemical cross linking of PUR hotmelts requires moisture. Therefore sufficient air humidity has to be present during processing.

## Application devices

- Tank device with a nitrogen blanket
- Barrel melting plant 200 litre containers
- Suitable roller-application plant

## Cleaning

Following completion of the work with KLEIBERIT 711.0.52 ME, either run the application empty or drain off the remaining contents. Immediately afterwards apply melted Cleaning Agent KLEIBERIT 761.8 and reverse the direction of the rollers until the last traces of PUR hotmelt have been removed.

Hotmelt adhesive which has already cross-linked can only be removed mechanically.

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## Packaging

### KLEIBERIT 711.0.52 ME:

carton with 12 aluminium cartridges,  
0.3 kg net each  
carton with 6 aluminum bags in fiber drum,  
1.8 kg net each  
aluminum bags in fiber drum, 50 kg net  
metal bucket 20 kg net  
metal drum, 50 kg net  
metal drum, 200 kg net

## Cleaning Agent

### KLEIBERIT 761.8:

paper sack, 20.0 kg net

Additional packaging sizes available upon request.

## Storage

KLEIBERIT 711.0.52 ME can be stored in factory  
sealed containers for approx. 12 months.

Protect from humidity!

Version 21.02.23 lz

### Disposal of containers and contents

#### Waste disposal key 080409

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.