



EVA Hot Melt Adhesive 743.7

Fields of application

- Wrapping of resin-impregnated paper foils on wood and wood based materials, such as fine grained particle boards and MDF boards
- Pre-coating of resin impregnated paper films for surface laminating of MDF and other fine grained boards.
- Laminating of foamed material on textile fabric.

Advantages

- Advantageous working viscosity
- Very economical with good surface quality on thin papers
- No stringing on the application roll
- Good for high line speeds up to 50 m/ minute

Properties of the bond

- High film strength
- Excellent ageing resistance

Properties of the adhesive

Base:	EVA-Copolymers
Specific weight:	approx. 1.04 g/cm ³
Colour:	beige
Viscosity	
Brookfield HBTD:	
at 160° C:	approx. 5.500 ± 800 mPa s
at 180° C:	approx. 3.500 ± 600 mPa s
at 200° C:	approx. 2.000 ± 300 mPa s
Melting index according to	
DIN 53 735 (MFI 120/1.2):	200 ± 20 g/10 minutes
Softening point	
(ring and ball):	90 ± 5 °C
Working temperature:	200 °C
Activation temperature:	160-200 °C
Identification:	not required according to the German hazardous substances regulations GefStoffV (see our safety data sheet)

Attention:

When hot melt 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 devices

- Wrapping machines of the following manufacturers:
Barberan, Duespohl, Friz Maschinenbau, PZ
- Hot melt applicator equipment to coat papers: e. g. Nordson
- Hot press laminating of precoated foils: e. g. Friz Maschinenbau

Application techniques

Profile wrapping

Application quantity:	50 - 100 g/ m ²
Working temperature:	160 - 200 °C
Line speed:	20-50 m/minute

The rate of feed is dependent upon the materials used and the shape of the profile.

The materials must be dry, free from dust and acclimatized. For process lengths exceeding 2 m and for complicated wrapping additional reactivation may be required by means of radiant heat or hot air blowers.

Resin-impregnated paper foils have varying structures, please test the adhesion individually.

Surface coating / Laminating

Application quantity on thin papers:	30-50 g/ m ²
Application quantity on textiles:	5-20 g/ m ²
(depending on the textile substrate)	
Working temperature:	160-180° C
Line speed:	15-25 m/ minute

If required use cold rollers.

Cleaning

Work tools can be cleaned with KLEIBERIT Cleaner 827.0.

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Packaging

KLEIBERIT Wrapping Hot Melt 743.7:

plastic bag, 20 kg net

KLEIBERIT Cleaner 827.0:

metal canisters, 4.5 kg net

Storage

KLEIBERIT Wrapping Hot Melt Adhesive 743.7 can
be stored for approx. 2 years.

Keep in a cool and dry place.

EX 0405, replaces previous data sheets

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Waste Disposal

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.