

TECHNOMELT CRYSTAL

September 2019

Description:

TECHNOMELT CRYSTAL is a water white premium EVA designed for general paper converting, case, carton & packet sealing applications. This adhesive is a fast setting hot melt that has excellent adhesion to a wide variety of board stocks with clean running, light colour and low odour. This adhesive has superior heat stability to prevent char formation, resulting in reduced maintenance costs and prolonged equipment life.

Characteristics

- Fast setting.
- High processing quality and adhesion.
- Good thermostability.
- Low odour.
- High heat stress resistance.

Fields of application

- Gluing a wide range of papers and boards.
- Permits high machine speeds.

Typical Properties:

Appearance:	White
Odour:	Low
Viscosity:	Approx. 925 cP at 180°C (356°F)
Solids:	100%
Open Time:	Approx. 5 seconds at 180°C
Set Time:	Fast setting (2 - 4 seconds at 180°C)
Softening Point:	Approx. 105°C

Directions for Use:

Technomelt CRYSTAL may be applied by nozzle, wheel or plunger. Recommended Temperature working range is 160 - 180°C (320 - 356°F). Due to changing surfaces, gluability of materials can be different. Therefore pre-tests should be carried out in the case of difficult-to-bond surfaces, e.g. lacquered and coated substrates. TECHNOMELT CRYSTAL is a fast setting hot melt which gives good adhesion to board stock, including recycled and high performance liners. This adhesive has high molten tack and subsequently can perform very well on springy and stiff boards. It has very good low temperature (0°C) flexibility and will handle storage under these conditions.

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Clean Up:

TECHNOMELT PUR CLEANER ME can be used for cleaning the hot melt tank and application system. While working with this cleaning agent, strictly observe safety regulations. Refer to the TDS/MSDS for details.

For the cold cleaning of application equipment, conveyor belts or other machine parts TECHNOMELT CLEANER Melt-O-Clean can be applied. TECHNOMELT CLEANER Melt-O-Clean is based on natural resources and supplies the manual cleaning. Before using TECHNOMELT CLEANER Melt-O-Clean, its suitability for lacquered or synthetic coated surfaces should be tested. Refer to the TDS/MSDS for details.

Storage and Handling:

Please read the Material Safety Data Sheet for this product BEFORE use.
Store in a cool and dry place and prevent exposure to temperature extremes. Do not mix with other adhesives.
Please ensure that products classed as a dangerous good are stored in compliance with the applicable regulations.

Shelf Life:

Best used within 24 months from date of manufacture when stored under the above conditions in the original unopened containers.

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DISCLAIMER

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