

## TECHNOMELT 4721

July 2015

### Description:

Technomelt 4721 is a spine glue for perfect binding of books and magazines. It gives excellent adhesion to a wide range of papers and has a medium setting speed and relatively high flexibility. This adhesive is also suitable for roundable books. Can be used in conjunction with a primer.

### Characteristics

- Medium set speed.
- High processing quality and adhesion.

### Fields of application

- Perfect Binding of books and magazines.
- Gluing a wide range of papers.
- Permits high machine speeds 8000+ books/hour.

### Typical Properties:

<b>Appearance:</b>	White – Off white
<b>Odour:</b>	Low
<b>Viscosity:</b>	Approx. 3300 cP at 180°C (356°F)
<b>Solids:</b>	100%
<b>Open Time:</b>	Approx. 4 seconds at 180°C
<b>Set Time:</b>	Approx. 6 seconds at 180°C
<b>Softening Point:</b>	Approx. 89°C

### Directions for Use:

Technomelt 4721 may be applied by nozzle, wheel or plunger. Recommended Temperature working range is 175 - 195°C (347 - 383°F). Due to changing substrates, gluability of materials can be different. Therefore pre-tests should be carried out in the case of difficult-to-bond substrates, e.g. lacquered and printed substrates. TECHNOMELT 4721 is a medium setting hot melt which gives good adhesion to various paper stock. This adhesive has very good roundability. Machines speeds can exceed 8000 books/hour depending on the trim time.

### 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.

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**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.

**Last Updated:** 24-07-2015

**DISCLAIMER**

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