

**THERMOBOND 7802**  
**Polyolefin Hot Melt Adhesive****DESCRIPTION**

THERMOBOND 7802 is a thermoplastic adhesive that has a long open time and high initial adhesion. It is used to bond polyurethane foams to a variety of substrates such as plastic, fabrics (woven or nonwoven), metal and wood. THERMOBOND 7802 shows excellent adhesion and is widely used for foam encasement in the manufacturing of mattresses.

**PHYSICAL PROPERTIES**

Tests	Standards	Unit	Results
Basic Material			Polyolefin
Appearance			Pillows
Viscosity (spindle #27)	ASTM D3236	cPs	6800 - 7500 @ 149°C (300°F) 4300 - 4800 @ 163°C (325°F) 2800 - 3300 @ 177°C (350°F)
Softening Point	ASTM E28	°C (°F)	120 - 135 (248 - 275)
Open Time			Long
Application Temperature		°C (°F)	149 - 177 (300 - 350)
Shelf Life		Months	25

**APPLICATION**

- Mattress

**METHOD OF USE**

Surfaces must be free of dust, grease, oil, or other contaminants. Use ADSOLVE 6002 or ADSEAL CLEANER 6003 for cleaning. Allow to evaporate 20 minutes before application of the adhesive. THERMOBOND 7802 can be applied using a hot melt system with nozzle (bead or dot) manually or automatically. It can also be applied using heated mechanical roller, swirl applicator or slot die for manual or automated application. If you wish to use swirl equipment or a heated mechanical roller with EVA or Metallocene adhesives, consult your technical representative.

**CLEANING**

For cleaning excess of adhesive, ADSOLVE 6034\* can be used. For equipment consult the technical document: [Cleaning procedure for hot melt machine](#) from Adfast. Never change adhesive brand or type without cleaning the equipment first. For the mechanical heated rollers let the adhesive cool down and protect it from dust or any other possible contaminant.

**PACKAGING**

- 13 kg box

**STORAGE**

In its original packaging the adhesive has a lifetime of 25 months from the date of production. Store in a cool, dry place. Close the boxes after opening to avoid contamination with dust.

**THERMOBOND 7802**  
**Polyolefin Hot Melt Adhesive****CAUTION**

Always consult SDS (Safety Data Sheet) before using the adhesive. Apply usual hygienic rules. For industrial use only. For more information, please contact your technical representative.

**IMPORTANT****READ CAREFULLY**

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