

THERMOBOND 7107
EVA Based Low Melt Adhesive**DESCRIPTION**

THERMOBOND 7107 is a medium-hard, yellowish low melt adhesive based on ethylene-vinyl acetate resin. It is use as a freezer grade, for general purpose packaging applications.

SPECIFICATION

- FDA regulation 21 section 175.105 (indirect food contact)

PHYSICAL PROPERTIES

Tests	Standards	Unit	Results
Basic Material			Ethylene-Vinyl Acetate
Color			Light Yellow
Appearance			Pellets
Viscosity (spindle #27)	ASTM D3236	cPs	2200 – 2500 @ 107°C (225°F) 1100 – 1500 @ 121°C (250°F) 800 – 900 @ 135°C (275°F)
Density		g/cc	0.985
Softening Point	ASTM E28	°C (°F)	72 – 80 (161 – 176)
Set Time			Fast
Open Time			Fast
Application Temperature		°C (°F)	121 – 135 (250 – 275)
Shelf Life		Months	25

APPLICATION

- Carton boxes
- Freezer grade packaging
- High speed packaging production line

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 7107 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.

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- 16.5 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.

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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