

## THERMOBOND 7104

### EVA Based Hot Melt Adhesive

#### DESCRIPTION

THERMOBOND 7104 is a hot melt adhesive based on ethylene-vinyl acetate resin. It is used as a packaging adhesive and, also as reinforcement for furniture industry. It has a fast-setting time and a moderate open time. THERMOBOND 7104 possesses very good bonding strength and heat resistance. THERMOBOND 7104 can be detected under UV light.

#### 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	1100 (± 200) @ 170°C (338°F)
Density		g/cc	0.93 – 0.99
Softening Point	ASTM E28	°C (°F)	96 ±5 (205 ±9)
Set Time		Seconds	1 – 3
Open Time		Seconds	4 – 6
Water Resistance			Excellent
Application Temperature		°C (°F)	150 - 170 (302 - 338)
Shelf Life		Months	36

#### APPLICATION

Carton boxes  
Presentation display  
Post formed countertop backing  
Reinforcement of cabinet backing  
Reinforcement of drawer

#### 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 7104 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

**THERMOBOND 7104  
EVA Based Hot Melt Adhesive**

first. For the mechanical heated rollers let the adhesive cool down and protect it from dust or any other possible contaminant.

**PACKAGING**

- 14 kg box

**STORAGE**

In its original packaging the adhesive has a lifetime of 36 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**

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

**THE WARRANTY OFFERED BY ADFAST SHALL BE LIMITED TO THE REPLACEMENT OR REIMBURSEMENT OF THE PRODUCT IF THEY HAVE BEEN DEFECTIVE. NO OTHER IMPLIED OR EXPRESSED WARRANTY APPLIES. ADFAST DISCLAIMS ANY OTHER LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**