

THERMOBOND GR70174
APAO Based Hot Melt Adhesive**DESCRIPTION**

THERMOBOND GR70174 is a beige colored, Amorphous Poly Alpha Olefins hot melt multipurpose adhesive. It is designed for bonding between non-polar substrates such as rubber, polypropylene and polyethylene films, glossy finish and UV treated surfaces and a wide variety of fabrics. THERMOBOND GR70174 has a long open time and exhibits very good bonding strength and high impact in both high and low temperature. THERMOBOND GR70174 can be detected under UV light.

SPECIFICATION

- 21 CFR 175.125 – Adhesive
- 21 CFR 175.300 – Resinous and polymeric coating
- 21 CFR 176.170 – Coatings for paper and paperboard in indirect contact with aqueous and fatty food
- 21 CFR 176.180 – Coatings for paper and paperboard in indirect contact with dry food

PHYSICAL PROPERTIES

Basic material	Amorphous Poly Alpha Olefins
Color	beige
Viscosity (Brookfield Thermosel, Model RVT, Spindle #27)	10500 cPs (±1100) @ 150°C (302°F) 6600 cps (±800) @ 160°C (320°F) 3500 cps (±600) @ 170°C (338°F) 2500 cps (±400) @ 180°C (356°F)
Softening point	107°C (± 3°C) / 225°F (± 5°F)
Application temperature	160°C - 190°C (320°F - 374°F)
Odor	Mild and non-toxic
Open time	Long
Shelf life	36 months

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 GR70174 can be applied using a hot melt system with nozzle (bead) or by vaporization (swirl) manually or automatically. It can also be applied using mechanical heated roller or slot die for automated application.

APPLICATION

- Mattresses
- Filters
- Lamination

THERMOBOND GR70174
APAO Based Hot Melt Adhesive**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. For the mechanical heated rollers let the adhesive cool down and protect it from dust or any other possible contaminant. Never change adhesive brand or type without cleaning the equipment first.

PACKAGING

- 16 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 EXPRESS WARRANTY APPLIES. ADFAST DISCLAIMS ANY OTHER LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.