



TECHNICAL DATA SHEET

Thermogrip®

2124

HOT MELT ADHESIVES

Product Description

Bostik® Thermogrip® 2124 glue stick is a translucent, flexible hot melt adhesive designed for high performance bonding of difficult substrates or substrate combinations.

This product may be compositionally compliant to one or more FDA regulations for food packaging. Please contact the Bostik Regulatory Department for up-to-date FDA compliance information.

Product Benefits

- Excellent adhesion to a wide variety of substrates
- Long set time
- Bonds to porous and nonporous surfaces
- Flexible

Product Applications

- High performance, all-purpose bonding for many difficult substrates or combinations
- Display boards
- Construction materials
- Bonds well to glass, plastics, ceramics, tiles, dry cement and bricks

Application Information

1. All surfaces should be clean and free of contaminants. If necessary, clean surfaces with solvent.
2. Apply the adhesive to the more difficult-to-bond surface. In general, hard, smooth surfaces are more difficult to bond than rough, porous surfaces.
3. "Open-time" varies depending on application temperature, amount of adhesive applied, type of substrate and ambient temperature conditions.
4. Mate the surfaces to be bonded as quickly as possible after adhesive has been applied for optimum bond strength.
5. Use firmest pressure practical for object being bonded. Do not move or adjust surfaces after contact has been made, as inferior bond strength will result.
6. Bonding some metals is enhanced by pre-warming the surfaces. Pre-warm up to 200°F (95°C) for optimum effect.

Application Information (...continued)

7. Because of its excellent adhesion properties, 2124 can be difficult to run in some glue guns, especially after idle durations greater than 20 minutes. It is recommended to keep gun idling times as short as possible.
8. Typically, a properly formed hot melt adhesive bond will achieve 50% of its strength after 1 minute, 75% after 1 hour, and 100% after 1 day.

Typical Physical Properties* (After 24 Hour Cure)

Color:	Translucent
Size (dia. x length):	7/16" x 4"**, 7/16" x 10" 7/16" x 15", 1" x 3"
Tensile Strength/Elongation:	450 psi/800%
Softening Point:	195°F (91°C)
Specific Gravity, gms/cc:	0.96
Viscosity, cps:	
@ 350°F (177°C)	15,000
@ 400°F (205°C)	7,600
Open Time:	Long (30 + seconds)
Temperature Resistance:	-20°F to 154°F (-28°C to 68°C)

Bond Characteristics

Chemical Resistance:	
Water	Good
Acids & Alkalies	Fair
Fats & Oils	Poor
Solvents	Poor

Storage and Handling

Shelf Life:	999 days @ 73.4°F (23°C)
Shipping and storage:	Between 40°F to 95°F (4°C to 35°C)
Further Information:	Please refer to MSDS for complete details.

* Values given are not intended to be used in specification preparation.

** 7/16" x 4" length available by special order only.

IMPORTANT NOTICE

All statements, technical information and recommendations set forth herein are based on tests which Bostik, Inc. believes to be reliable. However, Bostik, Inc. does not guarantee their accuracy or completeness. The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. Any sales of this product shall be on terms and conditions set forth on Bostik, Inc.'s order acknowledgment. Bostik, Inc. warrants that the product conforms with Bostik, Inc. written specifications, and is free from defects. BOSTIK, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S SOLE REMEDY FOR NONCOMPLIANCE WITH THIS WARRANTY SHALL BE FOR THE REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. IN NO CASE WILL BOSTIK, INC. BE LIABLE FOR DIRECT, CONSEQUENTIAL ECONOMIC OR OTHER DAMAGES.

Bostik, Inc.

211 Boston Street
Middleton, MA 01949-2128 USA
Tel: 1-888-603-8558
Fax: 978-750-7293
www.bostik-us.com

HM_2124_060908