



Thermogrip® 0720

HOT MELT ADHESIVES

Product Description

Bostik® Thermogrip® 0720 glue stick is a colorless, translucent hot melt adhesive for use with low and medium temperature glue guns. Bostik® 0720 is an extremely versatile adhesive. Applied at 280°F to 400°F, Bostik® 0720 bonds to most porous and many nonporous substrates.

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

- Offers excellent bonds to a wide variety of substrates at lower temperatures than conventional hot melts

Product Applications

- Corrugated to styrene and EPS for specialty packaging.
- Bonds to some PVC, nylon, and other plastics.
- Bonds to many open and closed-cell foams @ < 300°F
- Product assembly
- Insulation installation

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.

Application Information (...continued)

6. 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):	5/8" x 2", 5/8" x 10", 7/16" x 4"**, 7/16" x 10" 7/16" x 15", 1" x 3"
Tensile Strength/Elongation:	350 psi/500%
Softening Point:	215°F (102°C)
Specific Gravity, gms/cc:	0.98
Viscosity, cps:	
@250°F (121°C)	15,500
@300°F (149°C)	5,500
@350°F (177°C)	2,300
Open Time:	Medium (10 to 30 seconds)
Temperature Resistance:	-20°F to 165°F (-28°C to 74°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

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Bostik, Inc.

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