chanhvinh.com

Bostik
smart adhesives

70-03A SSKF

HIGH QUALITY ADHESIVE AND SEALANT

KEY FEATURES

- Multipurpose adhesive and sealant
- Longer open time allows for use in larger bonding applications
- Good adhesion to a variety of surfaces

DESCRIPTION

Bostik 70-03A SSKF is a high quality adhesive and sealant. 70-03A SSKF is designed for making elastic construction joints that require high strength and is based on Silyl Modified Polymer (SMP). Since 70-03A SSKF is slower curing and slower skin forming than 70-03A, it is to be used when longer open times are required.

KEY BENEFITS

- Solvent, isocyanate, and PVC-free
- Very good UV resistance and aging properties
- Good adhesion on many substrates without the use of a primer
- Paint compatible with most industrial paint or lacquer systems, both alkyd resin and dispersion based (due to the large scale of different types of industrial paints a paint compatibility test is recommended)
- Paintable after skin forming (wet-on-wet); this will not influence the cure rate
- Permanently elastic within temperatures from -40°F to 248°F (-40°C to 120°C)
- Neutral, odorless and fast curing

PACKAGING

For packaging options please call your Bostik sales or technical representative.

TYPICAL PHYSICAL PROPERTIES

Description	Results
Curing Method	Moisture
Specific Gravity [lb/f3 (g/ml)]	87.4* (1.4)
Skin Forming Time [68°F (20°C) / 50% R.H.]	25 min.*
Open Time	40 min.*
Curing Speed After 24 hrs. [68°F (20°C) / 50% R.H.]	0.12 in. (3mm)
Shore A Hardness [DIN 53505]	50*
Volume Change [DIN 53505]	<3%
Green Strength [Physical Rheometer MC100]	0.04 Psi* (300 Pa)
Tensile Strength (100%) [DIN 53504/ISO 37]	245 Psi* (1.7 MPa)
Tensile Strength at Break [DIN 53504/ISO 37]	450 Psi* (3.1 MPa)
Elongation at Break [DIN 53504/ISO 37]	250%*
Lap Shear Strength (Alum.) [DIN 53283/ASTM D1002]	300 Psi* (2.1 MPa)
Temperature Resistance	-40°F to 200°F (-40°C to 93°C)
Temperature Resistance	200°F (93°C) (14 Days)
Application Temperature	40°F to 95°F (5°C to 35°C)
UV and Weather Resistance	Excellent
Colors (standard)	White, Grey, Black
Packaging	290 ml Cartridges, 600 ml Sausages
Basic Material	Silyl Modified Polymer * - All values are approximate and affected by environment and/or end use.

chanhvinh.com

SHELF LIFE
12-18 months, dependents on package size.

STORAGE & HANDLING
Bostik 70-03A SSKF may be stored in a closed (unopened) container in a dry place at temperatures between 41°F to 86°F (5°C to 30°C)

COUNTRY OF MANUFACTURE
United States

BASIC USES
Bostik 70-03A SSKF can easily be extruded with a handgun or air-pressure gun at temperatures between 45°F to 100°F (5°C to 35°C). In sealing applications, 70-03A SSKF should be tooled or finished within 10 minutes at 68°F (20°C/50% R.H.) with a spatula or putty knife, occasionally moistened with a soap solution. Avoid soap solution penetrating between joint sides and sealant which will result in loss of adhesion. In bonding applications, the substrates have to be assembled within 25 minutes at 68°F (20°C/50% R.H.) after applying 70-03A SSKF. In general, an adhesive thickness of 0.062-in. or 1/16-in. (2 mm) is recommended.

HEALTH & SAFETY PRECAUTIONS
The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

LIMITED WARRANTY
Limited Warranty found at www.bostik.com/usor call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. The information, data, and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including but not limited to the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. Bostik does not warrant the product's suitability for any particular application. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

BOSTIK HOTLINE

Smart help
1-800-726-7845



Bostik, Inc.
11320 W. Watertown Plank Road
Wauwatosa, WI 53226
www.bostik-us.com

This document supersedes all previously published literature.
07.06.2022