



TECHNICAL DATA SHEET

DESCRIPTION

Flex Caulk™ Silicone is a high-performance, 100% silicone caulk and sealant that provides a flexible, durable, waterproof seal for a variety of indoor and outdoor projects. It's delivered through our Trigger Flow Nozzle™, which eliminates the need for a caulk gun. Adjust the flow setting and push the trigger to precisely control the caulk flow for a perfect bead every time. No running, no dripping, and no mess.

FEATURES

NO CAULK GUN NEEDED - EASY TO USE!

- Adjustable Trigger Flow Nozzle™.
- 100% silicone formulation.
- Flexible and durable, lasts for years.
- 100% waterproof and weatherproof.
- Seals out water, air, and moisture.
- Won't shrink or crack.
- Fast drying and won't yellow.
- Mildew resistant*.
- Resists extreme temperatures.
- "Snap & Save" cap eliminates waste.

CONFORMS, MEETS AND EXCEEDS

- ASTM C920 Class 25, Type S, Grade NS, Use NT, G, O
- TT-S-01543A
- TT-S-00230-C
- MIL 46106B Type 1
- NSF Standard 51
- FDA Regulation No. 21 CFR 177.2600
- UL Recognized
- VOC Compliant (23 grams/liter ASTM D2369)

USAGE INSTRUCTIONS:

- Scan QR code for a brief tutorial.
- Area must be clean, free of dirt, grease, and oil.
- Remove tab before initial use.
- Remove "Snap & Save" cap.
- Adjust the flow setting to "MAX".
- At a 45° angle, push trigger to begin flow.
- Flow setting and hand speed controls bead thickness.
- Material can be smoothed within 10 minutes of application.
- Remove excess caulk with a dry paper towel. Do not use water.
- Forms a skin in approximately 10 minutes, cures in 24 hours.
- After use, wipe off tip and secure "Snap & Save" cap and turn the flow setting passed "MIN" till it stops.

CLEAN UP:

Wet adhesive can be cleaned with adhesive remover and cleaner. Dry sealant can be removed by abrading or scraping.

TESTING:

Test per application requirement. Allow 7 days for maximum strength to develop before testing adhesion or strength.

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Viscosity	ASI Test Method	902,000 cps (Spindle 7, 4 rpm)
Skin Formation Time	ASI Test Method	10 minutes (70°F, 50% RH)
Density	ASTM D1475	8.5 lbs./gal
Hardness	ASTM C661	25 (Shore A)
Extrusion Rate	ASI Test Method	365 g/min
Tensile Strength	ASTM D412	264 psi
Elongation at Break	ASTM D412	500%
Gun Grade	ASI Test Method	Pass (Non-Slump)
QUV Testing	ASTM G154	Pass (10,000 hrs)
Storage Temperature	ASI Test Method	60°F to 90°F
Application Temperature	ASI Test Method	0°F to 150°F
Service Temperature*	ASI Test Method	-70°F to 400°F
Typical Cure Rate	ASI Test Method	24 hrs. (1/8" bead)

*Intermittent temperature up to 450°F. Strength will start to develop immediately and continue increasing for 7 days after application. ASI recommends testing strength and adhesion on the 7th day. ASI 502 suggested application temperature range: -35°F to 150°F. Testing should be done to confirm temperature requirements are met. Information on this data sheet can change without notice and it is therefore not recommended that these figures be used in spec writing. If you have any questions, contact manufacturer's sales and technical service department.





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COMMON BONDING SUBSTRATES:

Flex Caulk Silicone can be used on a variety of substrates. Please inquire or test your substrates before use. Substrates may vary with manufacturer. Common substrates:

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| • Glass | • Most types of woods |
| • Most metals | • Most fiberglass |
| • Some plastics | • Aluminum |
| • Steel | • Ceramic |
| • Tile | • Porcelain |
| • PVC | • Solid surface countertops |
| • Marble | • Most painted substrates |

Can be used on additional substrates not listed. End user is responsible for testing specific environment or substrate prior to use. Substrates may vary by manufacturer.

COMMON APPLICATIONS:

Flex Caulk Silicone is an excellent sealant/adhesive for many commercial, industrial and construction applications. Common applications include:

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| • Industrial, construction | • Ductwork |
| • HVAC | • Countertops |
| • Appliance manufacturing | • Kitchen & baths |
| • Refrigeration units | • Sanitary seals |
| • Walk-in freezers | • Plumbing |
| • Sealing trailers | • Telecommunications, including |
| • Formed in place gaskets | coaxial cable connectors |
| • Sheet metal | • General sealing & adhering |

Can be used for other various applications depending upon substrate. Test all substrates before use.

STORAGE:

1. Wipe nozzle tip clean.
2. Replace "Snap & Save" cap.
3. Turn nozzle LEFT (counterclockwise) past the "MIN" position until it stops.
4. Store in cool, dry place.

TO REUSE:

1. Remove "Snap & Save" cap.
2. Turn nozzle RIGHT (clockwise) to "MAX" position.
3. Press trigger to start caulk flow.
4. If caulk doesn't flow, unscrew and remove nozzle.
 - Use a nail or similar tool to clear any blockage in nozzle.
 - Screw nozzle back on and press trigger to start caulk flow.

COLORS:

Flex Caulk Silicone is available in white and clear.

CAUTION/SAFETY:

Please refer to SDS for the corresponding product for information regarding safety and handling.

LIMITATIONS:

Do not store at elevated temperatures. Use only on clean surfaces free of contaminants. Cold temperature and low humidity will slow curing. Do not use on porous surfaces such as concrete, mortar or brick. This product is not paintable.

WARRANTY LIMITATIONS:

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain such authorization. Because the storage, handling and application of the material is beyond Swift Response's control, we can accept no liability for the results obtained. Swift Response's sole limited warranty is that the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Swift Response will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted. Suggestions of uses should not be taken as inducements to infringe upon any patents.

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