



HI-PERFORMANCE RUBBERIZED CAULK

TECHNICAL DATA SHEET

FLEX CAULK™ HYBRID Trigger Flow Nozzle™

Flex Caulk White is our latest innovation in caulk technology. It's a high-performance, hybrid polymer caulk, delivered through our Trigger Flow Nozzle™, which eliminates the need for a caulk gun and allows you to control the flow of caulk. Just adjust the flow setting and push the trigger for a perfect bead. And when you stop, it stops. There's no running, no dripping, no mess and no waste.

Flex Caulk is a Class 50 Hybrid Sealant that is a one-part, low odor, no-sag polyether sealant that uses innovative hybrid technology to produce a material that is ideal for a wide range of applications where ease-of-use and high performance are desired. Flex Caulk is effective in most common interior/exterior applications on a wide variety of substrates. It reaches 50% joint moveability.

COMMON BONDING SUBSTRATES

Flex Caulk can be used on a variety of porous and non-porous substrates. Please inquire or test your substrates before use. Substrates may vary with manufacturer. We have listed some common substrates:

- Kynar® coated substrates
- Ceramics
- Fiberglass
- Glass
- Granite
- Marble
- Aluminum and Galvanized Metal
- Wood
- EPDM
- EPS or Styrofoam Insulation
- Porcelain
- PVS and Other Plastics
- Concrete and Brick

Can be used for 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 is an advanced Class 50 sealant for many residential, commercial, industrial and construction applications where long-term permanently-flexible seal or bond is required. Common applications include:

- Kitchen, Bath & Plumbing
- Sinks, Showers & Tubs
- Countertops & Backsplashes
- Drywall, Trim & Baseboards
- Molding & Frames
- Joint Sealant Applications
- General Construction
- Adhesive Applications
- Roofing and Siding
- Pre-cast Concrete
- Windows and Doors
- Weather Sealing
- HVAC Applications
- Masonry Applications

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

FEATURES

- No caulk gun needed. Easy to Use!
- Adjustable Trigger Flow Nozzle™.
- "Snap & Save" cap eliminates waste.
- Advanced hybrid polymer formulation.
- Seals out water, air, and moisture.
- Extremely durable and lasts for years.
- Fully paintable.
- 100% waterproof and weatherproof.
- UV, chemical, and mildew resistant.
- Adheres to virtually any surface, wet or dry.
- Use indoors or outdoors.
- 100% solids. Won't shrink, crack, or become brittle.
- Solvent-free and virtually odorless.
- Perfect for overhead and hard-to-reach areas.
- 50% joint movement capability.

CONFORMS, MEETS & EXCEEDS

- ASTM C920, Type S, Grade NS, Class 50
Use NT, T, M, G, A & O
- Conforms to California Proposition 65
- Meets USDA Requirements for Non-Food Contact
- Meets Requirements of CARB and SCAQMD
- ASTM E84, Class A, Flame Spread: 0,
Smoke Developed: 0
- VOC compliant



CFSWHT675
WHITE

Performance Properties

Elongation at Break	600%	
Joint Movement	±50%	Class 50
Application Temp.	0°F - 150°F	SR Test Method
Service Temp.	-75°F - 220°F	SR Test Method
Service Temp. Intmt. Max	270°F	SR Test Method
Storage Temp.	60°F - 90°F	SR Test Method
Weight % Solids	>99%	SR Test Method

**Strength will start to develop immediately and continue increasing for 7 days after application. Swift Response recommends testing strength and adhesion on the 7th day. Applying Flex Caulk at lower than 32°F will slow down curing. In general lower temperature & humidity will slow skin and cure times. Information on this data sheet can change without notice. It is not recommended that these figures be used in spec writing. Contact Swift Response's sales and technical service department with questions.*



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COLORS

Flex Caulk is available in white and clear.

SURFACE PREPARATION

All surfaces should be dry and clean. 100% IPA (isopropyl alcohol) or acetone can be used to clean the surface on the substrate. DO NOT USE petroleum based solvents. Priming for Flex Caulk is not normally required. If a primer is required, please inquire to Swift Response staff. Unprimed adhesion can be easily tested by applying a small trial bead and allowing 7 days for maximum adhesion to occur. If primer is required contact Swift Response.

DIRECTIONS

- Area must be clean, free of dirt, grease, and oil.
- Adjust the flow setting to the desired amount.
- Hold at a 45° angle, push trigger down to begin flow of caulk.
- Keep pushing trigger while moving the nozzle across the area.
- Always use a smooth, even motion when applying the caulk.
- Flow setting and speed you move controls bead thickness.
- Material can be smoothed up to 10 minutes after 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, secure the "Snap & Save" cap tightly on the nozzle.

Flex Caulk is ready to use and requires no mixing or additives. Tooling, if necessary, should be done before skinning takes place. In applications where partial or total confinement of sealant is prevalent, the time required for proper cure is generally lengthened by the degree of confinement. Higher temperature and higher humidity will accelerate skin & cure time. Cold temperatures and low humidity will slow down skin & cure time.

CLEAN UP

Wet sealant can be cleaned with mineral spirits or paint thinner, according to solvent manufacturer's precautions. Dry sealant can be removed by cutting, abrading or scraping with aid from mineral spirits or paint thinner.

CAUTION/SAFETY

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

TESTING

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

LIMITATIONS

Do not store at elevated temperatures. Use only on clean surfaces free of contaminants. Cold temperature and low humidity will slow curing (32°F and below will be most significant). Do not use on olefins such as polyethylene, polypropylene or TPO prior to testing. Test all paints before application. Allow treated wood & asphalt to cure 6 months before application. Long-term submersion under water can cause loss of adhesion on some substrates.

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, not 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.

CONTACT

For additional information, please contact:
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