

## Physical & Chemical Characteristics:

- Base: Acrylic Latex Polymer
- Solids: Approximately 80%
- Weight per Gallon: 16.7 ± 0.5
- Specific Gravity: 2.0 ± 0.5
- Service Temperature: 0° to 160°F
- Temperature Application Range: 40°F to 95°F and substrate not hotter than 120°F.
- Flash Point: None
- Applications: Interior / Exterior
- Shelf Life: 12 months when stored at 50°F to 80°F
- Coverage: 10.1 fl oz: 54 linear ft. at a 3/16" bead
- Odor: Mild Acrylic
- Working Time: 10 to 15 Minutes
- Tack Free Time: 60 Minutes

## Performance Characteristics:

- Exceeds ASTM C-834, Type P, Grade -18°C
- Fills up to 1/2" gaps in joints
- Cured bead is mildew resistant
- Soap and water cleanup
- VOC < 1.5%, Low odor
- Phthalate Free Formulation
- Water and UV resistant seal
- Paintable
- Interior or exterior use
- Shielding Effectiveness: 80 dB through 1/8" bead

The Conductive Group believes this information and test values to be typical, however, the Conductive Group does not assume any liability whatsoever for accuracy or completeness of any information contained in this document. The Conductive Group does not warrant this product with respect to merchantability or suitability for use, including any intellectual property or trade restrictions, which is the sole responsibility of the purchaser and/or end user. Always refer to materials handling instructions and safety documentation when using this or any other material. Copyright ©2020 Conductive Group, LLC

## EMCAULK & EMCAULK FLEX: ELECTRICALLY CONDUCTIVE ACRYLIC LATEX CAULK

EMCaulk and EMCaulk FLEX are electrically conductive, general purpose, patented sealants that provide electrical continuity and excellent long-term electromagnetic protection in a wide range of sealing applications. EMCaulk products can be used on a wide variety of interior and exterior surfaces and form a flexible, durable, airtight, water resistant seal that offers protection from environmental conditions. Designed to seal gaps, cracks, joints, and seams around windows, trim, doors, siding, penetrations, hardboard and flashing. EMCaulk products feature soap and water clean-up and may be painted when cured. EMCaulk FLEX offers additional benefits for applications where high flexibility and wide gap sealing is necessary.



PRODUCT	PART #	BASE	FLEXIBILITY	HARDNESS	STRENGTH	SMOOTHNESS
EMCaulk	4FS031	Siliconized Acrylic Latex	★★★	★★★★	★★★★	★★★
EMCaulk FLEX	4FS032	Acrylic Urethane Elastomer	★★★★	★★★	★★★	★★★★



**Surface Preparation:** Surface must be dry and free of contaminants. Mold or mildew should be removed with a mild bleach cleaning solution and rinsed thoroughly. Only apply when sealant surface and air temperature are above 40°F. Do not apply on surfaces above 120° F or when rain is expected.

**Application:** Cut nozzle at a 45° angle. Joint not to exceed 1/2" in width. Use backer rod for joints deeper than 1/2". Tool or smooth bead within 15 to 20 minutes. Sealant may be removed and tools cleaned with soap and water. Depending on climatic conditions, allow 4 to 6 hours curing time prior to painting. Full cure should be reached 10 days, dependent on temperature and humidity.

**Clean up:** Clean hands and tools with soap and water. Clean excess caulk with a damp cloth.

**Safety:** See Safety Data Sheet for safety information [www.faradaystructures.com](http://www.faradaystructures.com)