

**DESCRIPTION**

4290 Cable Fill is a slow setting, two component, fuel resistant elastomeric potting material. The high polysulfide content of the material allows it to maintain a seal even as a cable is being wound and un-wound from a spool.

**PERFORMANCE DATA**

	Part A	Part B	Mixed
Viscosity	6,000-7,500 cps	57,000-85,000 cps	8,000 – 10, 000
Weight per gallon	10.2-10.6	12.9-13.2	10.9-11.2
Specific Gravity	1.22-1.27	1.55-1.58	1.31-1.34
Color	Off White	Dark Brown	Bronze Gray

Mix Ratio (By Volume).....10:1  
 Mix Ratio (By Weight).....7.6:1  
 Hardness, Shore A (ASTM D-2240).....15-25  
 VOC.....0 lb/gal; 0 gm/L

**VOLUME SOLIDS 100% STORAGE & INSTALLATION**

Storage Environment.....Dry area, 65–80°F  
 Application Temperature, ambient.....40–95°F  
 Application Temperature, substrate.....Minimum 5°F above dew point  
 Shelf Life.....1 year  
 Pot Life, @ 77°F.....3-4 hours  
 Full Service, @ 77°F.....3-5 days

*Material cures more slowly at cooler temperatures, and working time will be substantially reduced at higher temperatures. In hot weather, material should be cooled to 65°F to 80°F prior to mixing and application to improve workability and avoid shortened pot life. The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result.*

**CONSIDERATIONS & LIMITATIONS**

1. Do not apply to wet or damp substrates.
2. Do not thin with solvents unless advised to do so by Cox Sales Company.
3. Confirm product performance in specific chemical environment prior to use.
4. Prepare substrate according to “Surface Preparation” portion of this document.
5. Always use protective clothing, gloves and goggles consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest or inhale. Refer to Material Safety Data Sheet for detailed safety precautions.
6. For industrial/commercial use. Installation by trained personnel only.

# 4290 Low Viscosity Non-Conductive Cable Fill Sealant

TECHNICAL DATA SHEET

## Elastomeric Polysulfide Cable Fill

**BENEFITS**

- Very fast set time
- Low stress cure
- Easy mix and application
- Flexibility beyond conventional tank linings
- High impact resistance
- 100% solids at application temperatures

**RECOMMENDED USES**

- Filler for fine wire cable

**GENERIC DESCRIPTION**

Polysulfide Sealant

**STANDARD COLORS**

Bronze Gray

**PACKAGING**

Part A – 40 Gallon

Part B – 4 Gallon

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## **S U R F A C E   P R E P A R A T I O N**

**Cable:** Cable should be clean of all dirt, oil, and other foreign materials to insure proper bond to the individual strands.

## **I N S T A L L A T I O N   S T E P S**

1. For best results mix materials using a plural component pump for a 10:1 mix ratio. Material can be mechanically mixed using a Jiffy type mixer; however, mixing air will be incorporated into the blend.
2. A complete mix is required to insure proper cure. Incomplete mixing will yield soft or un-cured areas throughout the blend.
3. Inject the blended material into the cable to completely fill the interstices between the individual strands of the cable.
4. For best results, clean tools and equipment with Cox Sales Company All Purpose Cleaner, a nonflammable and non-evaporating cleaner. Always wear gloves when using this product.