



Silicone Technologies, LLC

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ISO 9001:2000 Certified

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**PRODUCTS**

CST2177 A/B

**Product Description**

CRI-SIL Liquid Silicone Rubber CST2177A/B is a two part lightweight RTV strand sealant grade that is blended as a 1:1 ratio by weight. CST2177 A/B is used as a water blocking agent for underwater cable systems.

**Press Cured:** 17 min @ 177C(350f) Cold Mold

**Properties**

**Typical Physicals**

Specific Gravity	0.89
Durometer (Shore A)	62
Tensile psi	337
Elongation %	91
Viscosity A ,CPS (Brookfield Viscometer,0.3rpm)	60,000
Viscosity B, CPS (Brookfield Viscometer,0.3rpm)	50,000

**Typical Applications:**

-Wire Strand and Valley Sealants

**Notes:**

CRI-SIL Silicone Technologies CST 2177 A&B, Water Block is ideal for use in underwater cable. This material is designed specifically for deep water applications requiring greater burst pressures resistance.

**Warnings:**

Recommended storage of this compound is at or below 90°F in a dry area. Material must be stored in closed pails to avoid the loss of volatile components. If volatile components are lost cure time may be greatly effected causing premature curing during application. Also, the curing mechanism of these materials can be inhibited by contact with other materials containing amines, sulfur, tin complexes, and some peroxides, this contact can be air-born as well as direct contact. Therefore, it is advisable to test compatibility (via a patch test in which a small amount of catalyzed material is heated) to determine whether or not it cures at the interface or in the oven used.

**Shelf-Life:**

Typical Shelf-Life for the compound is 4 months if stored in a cool dry place. However, after 4 months some separation may occur. Be sure to stir each side with clean tools before mixing parts A and B.

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