

PROPERTIES**COLOR:**

Red

PACKAGING:

300 ml cartridges

CURE MECHANISM:

Moisture Cure – Acetoxy

AVERAGE WEIGHT/U.S. GALLON (ASTM D1475):

8.4 lbs. (1.0 kg/l)

NON-VOLATILE (SOLIDS) CONTENT:

>99% by volume

TACK FRE TIME (23°C, 50% RH):

5-15 minutes

RHEOLOGICAL FLOW:

Non-sagging

CURE RATE (@RT):

>2mm / 24 hours

TENSILE / ELONGATION (ISO 037):1.2 – 1.5 MPa (N/mm²) / 300-500%**MODULUS (ISO 037):**

50%: 0.33 MPa

100%: 0.54 MPa

HARDNESS SHORE A (ASTM D2240):

20-24

SERVICE TEMPERATURE LIMITS:

Temperature at coated surface.

-40°C to 300°C

Resistant to mildew and fungus**VOC CONTENT (ASTM D6886)**

1.5% by weight – Sealant - Chemically Curing

16 g/l – VOC less exempt solvent

(VOC content including released during cure)

Meets CARB Consumer Products and SCAQMD 1168 requirements for chemically curing sealants

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Visit us on the web at fosterproducts.com**SIL-SEAL™ HIGH TEMPERATURE SILICONE SEALANT**

FOSTER™ Sil-Seal™ 95-33 High Temperature sealant is a one-part, non-slumping 100% silicone sealant with a very good consistency, formulated to perform at temperatures as high as 300°C. It cures with atmospheric moisture to form a durable rubber seal that is highly weather resistant to UV (sunlight), rain, snow and temperature extremes.

Sil-Seal™ 95-33 is an acetoxy cure type silicone well suited for sealing stainless steel and aluminum metal jacketing, end caps and protrusions through insulation where a high temperature sealant is required. It is also used in applications for other critical bonding, sealing, potting, encapsulating and as a protective coating where the sealant must be resistant to high temperatures and vibrations.

LIMITATIONS

Store and apply between 40°F and 100°F (4°C and 38°C).

Sealant does not adhere well to Teflon coated materials, polyethylene, polypropylene or methylmethacrylate (Plexiglas).

Not recommended for use on polycarbonate or plastics that may stress crack. Test before using.

Not for use on or near sensitive metals such as copper, brass, zinc, carbon steel, galvanized iron/steel or magnesium as corrosion may occur during sealant's acetic acid release.

Not for use on concrete, brick, mortar or masonry surfaces.

Paints, coatings and other sealants do not adhere well to the silicone surface. Complete any painting or coating applications prior to applying this sealant.

Not suggested for continuous immersion in water. All sealed surfaces should be designed to drain water.

Do not use in totally confined areas or between two impermeable surfaces. The sealant requires access to atmospheric moisture to cure.

APPLICATION GUIDE FOR FOSTER™ HIGH TEMPERATURE SEALANT 95-33

MATERIAL PREPARATION

Apply only to clean, dry, oil-free surfaces. Surface to be painted or coated should be done prior to applying the sealant. Keep tip sealed when not in use.

Confirm compatibility and adhesion to specific substrates before use.

APPLICATION

- Clip off tip of nozzle @ 45° angle to desired size.
- Use only in well-ventilated areas.
- Masking tape along joint sides will assure straight edge & neat appearance.
- Apply using steady, even pressure to completely bridge joints.
- Smooth sealant using back of spoon or rounded spatula for a neat appearance.
- Wipe away excess with a paper towel before surface skins.
- Protect from water until cured (usually 24 hrs.).

CLEAN UP

Use solvent such as chlorinated solvent (non-flammable) or mineral spirits (flammable) for cleaning tools and equipment. Remove wet sealant with a paper towel before curing. After curing scrape off excess material and avoid undercutting sealant to remain in place.

CUSTOMER SERVICE: (800) 832-9002

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ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is twelve months from date of manufacture or as otherwise provided on the certificate of analysis.

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Consult Safety Data Sheet and container label for further information.**