

Pecora 896-TBS-SSL

Thermal Barrier Silicone™

Silicone Narrow-Joint Seam Sealer

Specification Data Sheet



1. BASIC USES

• 896-TBS-SSL has been designed and formulated specifically to seal mechanically-fixed joints in fenestration details on aluminum, vinyl or wood. Very fast curing, 896-TBS-SSL adheres extremely well to PVC, Kynar, glass fiber reinforced polyamide composite structural thermal barriers, 500/Hylar 500-based paints and coatings, anodized aluminum and wood. Small and deep joints, corner details, mechanical fasteners, flashing joints, screw heads, bolt holes and hidden wall system joints may be sealed with 896-TBS-SSL.

2. MANUFACTURER

Pecora Corporation
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800-523-6688
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3. PRODUCT DESCRIPTION

Pecora 896-TBS-SSL Silicone Narrow-Joint Seam Sealer is a flowable, semi-self leveling, one-part, neutral-curing sealant.

Product Features:

- Primerless adhesion to glass fiber reinforced polyamide composite structural thermal barriers.
- No shrinkage or objectionable odor
- Remains extremely flexible with a movement capability of $\pm 50\%$.
- Service temperature range up to 300°F.
- Compatible with all tested insulating glass units.

Limitations:

Pecora 896-TBS-SSL silicone narrow joint seam sealer should not be used in the following applications:

- Joints that will be subjected to continuous water immersion
- Building materials that bleed oils, plasticizers or solvents
- Totally confined or air-free spaces.

For cartridge applications requiring sealant beads less than 3/16" Pecora recommends the 1215 Gun Grade or Semi Self-Leveling (SSL) Silicone Seam Sealer.

PACKAGING

- 10.1 fl. oz. (300 ml) plastic cartridges
- 5 gallon (18.9 L) pails
- 50 gallon (189L) drums

COLOR

- Translucent

4. TECHNICAL DATA

AAMA Specification 803.3-92 Reference standards ANSI/AAMA 101-85 and 1002. 10-83. CAN2-19.13-M82 (19-GP-9MA)

5. INSTALLATION

Application: Pecora 896-TBS-SSL can be applied with a standard caulking gun or industrial pump. Check with Pecora for the most suitable application method to meet your specific requirements.

Cleaning: Excess sealant should be removed from all surfaces while still uncured. Cured sealant is difficult to remove without damaging or altering the surfaces to which the sealant was misapplied.

Shelf Life: 12 months from the date of manufacture when stored in unopened cartridges at temperatures lower than 80°F (27°C); or nine months in tightly sealed bulk packages. 896-TBS-SSL performs equally well during any part of this shelf life.

Precautions: Contact with uncured sealant, with vapors generated during curing, or with dust formed from cured sealant may cause eye, skin, or respiratory tract irritation and possible allergic reaction. Use only with adequate ventilation or wear an appropriate NIOSH-approved respirator. Avoid contact and wash thoroughly after handling. May be harmful if swallowed. Keep away from heat, sparks and flame. Refer to Material Safety Data Sheet (MSDS) for more information.

**FOR PROFESSIONAL USE ONLY.
KEEP OUT OF THE REACH
OF CHILDREN**

TYPICAL PHYSICAL PROPERTIES

Percent Solids (%)	100	
Ultimate Elongation (%)	350	ASTM D-412
Hardness, Shore A	20	ASTM C-661
Dynamic Joint Movement (%)	± 50	ASTM C-179
Odor	Mild	
Service Temperature Range (°F)	-60 to 300	AAMA 800
Vehicle Migration	None	
Tack-Free Time (minutes)	8-15	ASTM C-679
Curing Time 1/8" Bead (hours)	<24	ASTM C-679
VOC Content	<100g/L	ASTM D3960
Average Tensile Strength	89 (QC)	ASTM D-412

Since Pecora architectural sealants are applied to varied substrates under diverse environmental conditions and construction situations, it is recommended that substrate testing be conducted prior to application.

6. AVAILABILITY AND COST

Pecora products are available from our stocking distributors in all major cities. For the name and telephone number of your nearest representative call one of our locations listed below or visit our website at www.pecora.com.

7. WARRANTY

Pecora Corporation warrants its products to be free of defects. Under this warranty, we will provide, at no charge, replacement materials for, or refund the purchase price of, any product proven to be defective when installed in accordance with our published recommendations and in applications considered by us as suitable for this product. This warranty in lieu of any and all other warranties expressed or implied, and in no case will Pecora be liable for incidental or consequential damages.

8. MAINTENANCE

If the sealant is damaged and the bond is intact, cut out the damaged area and recaulk. No primer is required. If the bond has been affected, remove the sealant, clean and prepare the joint in accordance with instructions under "installation."

9. TECHNICAL SERVICES

Local Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance call our Technical Service Department at 800-523-6688.

10. FILING SYSTEMS

- CSI MasterFormat
- Designations:
- 07 92 00: Joint Sealants
 - 08 85 00: Glazing Accessories

