

# Pecora 896-TBS-SSL

## Thermal Barrier Silicone™

Silicone Narrow-Joint Seam Sealer



### SPECIFICATION DATA SHEET

#### BASIC USES

• Pecora 896-TBS-SSL has been designed and formulated specifically to seal mechanically fixed joints in aluminum-, vinyl-, and wood-framed window and door assemblies. Pecora 896-TBS-SSL is a fast-curing sealant that adheres extremely well to Kynar 500®/Hylar 5000® fluoropolymer coatings, anodized aluminum, PVC, glass-fiber reinforced polyamide composites, and wood. Additionally, Pecora 896-TBS-SSL may be used to seal deep and narrow joints, corner details, mechanical fasteners, flashing joints, screw heads, bolt holes, and hidden wall system joints.

#### MANUFACTURER

**Pecora Corporation**  
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#### 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 ±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 joints that will be subjected to continuous water immersion
- On building materials that bleed oils, plasticizers or solvents
- In totally confined or air-free spaces.

For cartridge applications requiring sealant beads less than 3/16" Pecora recommends its 1215 Seam Sealer in the gun-grade or semi-self-leveling (SSL) formulations.

#### TECHNICAL DATA

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

#### 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.

#### PACKAGING

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

#### COLOR

- Translucent

**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.

**Precautions:** Contact with uncured sealant, vapors generated during curing, or 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

Property		Results
Percent Solids (%)	100	
Ultimate Elongation (%)	350	ASTM D412
Hardness, Shore A	20	ASTM C661
Dynamic Joint Movement (%)	±50	ASTM C179
Odor	Mild	
Service Temperature Range (°F)	-60 to 300	AAMA 800
Vehicle Migration	None	
Tack-Free Time (minutes)	8-15	ASTM C679
Curing Time 1/8" Bead (hours)	<24	ASTM C679
VOC Content	116	ASTM D3960
Average Tensile Strength	89 (QC)	ASTM D412

### AVAILABILITY AND COST

Pecora products are available from our stocking distributors nationwide. For the name and telephone number of your nearest representative call the number below or visit our website at [www.pecora.com](http://www.pecora.com).

### 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.

### 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."

### 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.

### FILING SYSTEMS

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