

# NEXO FLEX®

**ACS-900 | 100% RTV SILICONE SEALANT**  
INDUSTRIAL • CONSTRUCTION • HVAC/R • KITCHEN & BATH • PLUMBING

## TECHNICAL DATA SHEET

**Nexo Flex® ACS-900** is a 100% Acetoxy Cure RTV Silicone Sealant and Adhesive that has excellent adhesion to a variety of construction materials including glass, aluminum, metal, steel, marble, ceramic and many other substrates.

**Nexo Flex® ACS-900** is VOC compliant. It is highly recommended for a variety of sealing applications. When fully cured, **Nexo Flex® ACS-900** offers permanent flexibility and offers exceptional all weather performance and reliability to meet the demands of the job!

**Nexo Flex® ACS-900's** formula is NSF approved, so it can be used confidently around food applications. Its resistance to moisture makes it ideal for use in high moisture areas such as marine, baths, and walk-in coolers.

## FEATURES

- ✓ Consistent Gunability and Tooling
- ✓ Approved for Cultured Marble
- ✓ Mildew Resistant Formula
- ✓ Excellent Adhesion
- ✓ Non-Paintable
- ✓ Non-sag
- ✓ **COLORS:** This product is available in several standard colors:
  - Almond
  - Aluminum Stone
  - Black
  - Clear
  - White
  - Bronze
  - Translucent

## DIRECTIONS FOR USE

Read and understand technical data sheet completely before beginning installation. Always do a test area to ensure product satisfaction and to become familiar with proper application techniques.

**Surface Preparation:** The substrate must be clean, dry, frost free and free of any oils, greases or incompatible sealers that may interfere with adhesion. Do not apply if surface is contaminated.

**Application:** Cut nozzle to desired bead size. Apply with caulking gun, forcing sealant onto the substrate. Tool if necessary. Clean excess material with mineral spirits or similar solvent.

**Curing:** Under normal conditions (70°F, 50% RH) material cures at roughly ¼" per 48 hours. The higher the humidity and temperature, the faster the cure.

**Storage/Shelf Life:** Be sure to rotate inventory accordingly. Materials must be properly stored in a low humidity (<50% RH) environment at room temperature (73 ± 2°F) in their unopened container. Cartridges/Sausages, use within 18 months from date of manufacture. Pails/Drums, use within 12 months from date of manufacture.

**NSF - CERTIFIED**

**EcoFRIENDLY + VOC COMPLIANT**

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## TECHNICAL DATA SHEET [PAGE 2]

### CHEMICAL & PHYSICAL PROPERTIES

|                            |                                                                                                                                                                                                                                                                            |                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Specifications             | Meets or exceeds the requirements of NSF/ANSI 51 - Food Equipment Materials. ASTM C920 Type S, Grade NS, Class 25, Use NT, G, M, A. Federal Specification TT-S-00230C Type II, Class A, TT-S-001543A Type Non-Sag, Class A. MIL-A-46106A, FDA CFR 177.2600, USDA approved. |                                      |
| Skin Time                  | Internal Method                                                                                                                                                                                                                                                            | < 20 minutes @ 70°F / 50% RH         |
| Tack Free Time             | Internal Method                                                                                                                                                                                                                                                            | < 30 minutes @ 70°F / 50% RH         |
| Cure Rate                  | Internal Method                                                                                                                                                                                                                                                            | 1/4" Bead in 48 Hours                |
| VOC                        | EPA Method 24                                                                                                                                                                                                                                                              | < 23 g/L, less water exempt solvents |
| Shore A                    | ASTM 661                                                                                                                                                                                                                                                                   | 20 +/-5                              |
| 100% Modulus of Elasticity | ASTM D412                                                                                                                                                                                                                                                                  | 40 - 80 psi                          |
| Movement Capacity          | ASTM C719                                                                                                                                                                                                                                                                  | ± 25%                                |
| Tensile Strength           | ASTM D412                                                                                                                                                                                                                                                                  | 200 - 250 psi                        |
| Staining                   | ASTM D2203                                                                                                                                                                                                                                                                 | None                                 |
| Service Temperature        | Internal Method                                                                                                                                                                                                                                                            | -40 - 400°F                          |
| Elongation Capacity        | Internal Method                                                                                                                                                                                                                                                            | 400 - 450%                           |

### LIMITED LIFETIME WARRANTY

This product is guaranteed to give satisfactory performance if applied in accordance with the label directions. Liability to Caliber Supply, LLC (Caliber) is limited to a full refund of the purchase price or product replacement if product is proven defective. Caliber shall not be liable for loss or damage, whether direct, consequential or incidental. There are no other warranties expressed or implied including the implied warranty of merchantability or fitness for a particular purpose. Caliber Supply specifically disclaims and makes no warranties, express or implied, about this product, its merchantability, or its fitness for a particular purpose. All recommendations, directions, and suggestions for its use are consistent with our testing and research for a variety of applications, but no promises, guarantees, or warranties are being made with regard to its use, whether or not consistent with the directions, or its effectiveness for any given application. Users of this product should do so in compliance with all applicable laws and regulations. User of this product should conduct its own field test, to assure results.

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