

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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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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