

NEXO FLEX®

ACS-850 | 100% RTV SILICONE SEALANT
INDUSTRIAL • CONSTRUCTION • HVAC/R • KITCHEN & BATH • PLUMBING

TECHNICAL DATA SHEET

Nexo Flex® ACS-850 is a one component, permanently flexible, RTV (Room Temperature Vulcanizing) mildew-resistant silicone sealant that is the industry standard. The product's tough chemical resistance makes it a worryfree solution for a wide range of applications.

Nexo Flex® ACS-850 provides excellent adhesion to cultured marble, tile, glass, vinyl, aluminum, and sheet metal without the need for a primer.

Nexo Flex® ACS-850 is engineered to cure rapidly when exposed to atmospheric moisture, to form a durable tight bond that contractors and installers count on. A wide range of packaging options provides users with total flexibility in how the product is applied.

FEATURES

- ✓ Consistent Gunability and Tooling
- ✓ Approved for Cultured Marble
- ✓ Window & Door Approved
- ✓ Excellent Adhesion to glass
- ✓ Non-Paintable
- ✓ Non-Sag & Non-Slump
- ✓ **COLORS:** This product is available in several standard colors:
 - Clear
 - White
 - Translucent
 - Many other custom colors

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.

 **EcoFRIENDLY + VOC COMPLIANT**

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CHEMICAL & PHYSICAL PROPERTIES

Skin Time	Internal Method	< 15 minutes @ 70°F / 50% RH
Tack Free Time	Internal Method	< 45 minutes @ 70°F / 50% RH
Cure Rate	Internal Method	1/4" Bead in 48 Hours
VOC	EPA Method 24	< 30 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	160 - 200 psi
Sag/Slump	ASTM D2202	Miminal; 0.2"
Service Temperature	Internal Method	-40 - 400°F
Elongation Capacity	Internal Method	350 - 400%
Staining	Internal Method	None
UV Rating	ASTM G154	No discoloration or change in appearance after 10,000 hours

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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