



Dow Corning[®]

832

Multi-Surface Adhesive Sealant

• 100% Silicone •

Engineered for Assembly and Maintenance Applications

Dow Corning[®] 832 Multi-Surface Adhesive Sealant is a one-component, ready-to-use, noncorrosive silicone material that seals, bonds and protects. Engineered for use as an all-purpose assembly and maintenance sealant, *Dow Corning* 832 Multi-Surface Adhesive Sealant bonds to many surfaces and offers superior adhesion to glass, metal, masonry, concrete, rubbers and plastics.

To Learn More ...

For more information about *Dow Corning* 832 Multi-Surface Adhesive Sealant, contact your *Dow Corning* representative or call (517) 496-6000.

Features

- 100 percent silicone RTV rubber
- Superior unprimed adhesion to a wide variety of surfaces, including glass, metal, masonry, concrete, most rubber and plastics, including ABS, PVC and polycarbonate
- Low odor
- Neutral (alcohol) cure
- Will not corrode metal or other corrosion-sensitive materials
- Use temperatures: -67 to 300°F (-55 to 149°C); intermittent to 350°F (177°C)
- Forms flexible, long-lasting seal
- Available in off-white, black and gray

Applications

Dow Corning 832 Multi-Surface Adhesive Sealant is used for bonding, sealing and assembly where superior unprimed adhesion or noncorrosive sealant is required. Typical applications include sealing and repairing roof penetrations, gutters, concrete floor seams, marine equipment and windows, pipes, threaded connections, and assembling original equipment components.

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How To Use

Apply to clean, dry, frost-free surfaces. Typically, no primer is necessary; however, for best adhesion to concrete, use a primer such as *Dow Corning*® 1205 Primer. *Dow Corning* 832 Multi-Surface Adhesive Sealant will dry to the touch in 20 minutes.

Limitations

- Not intended for food-contact applications
- Requires atmospheric moisture to cure
- Not for use in submerged structural or adhesive applications
- Not designed for high-movement joints
- Not for application to oily or dirty surfaces
- Most paints will not adhere to sealant

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Storage/Useable Life

When stored at or below 90°F (32°C), *Dow Corning* 832 Multi-Surface Adhesive Sealant has a useable life of 18 months from date of manufacture by Dow Corning. For best results, use completely within 6 months of opening.

Since this material cures by reaction with moisture in the air, keep the container sealed when not in use. A plug of cured material may form in the tip of the tube during storage, but is easily removed and does not affect the remaining contents.

Available Packaging

Dow Corning 832 Multi-Surface Adhesive Sealant is available in 10.1-fl oz (299-mL) cartridges, 4.5-gal (17-L) pails, and 45-gal (170-L) drums in selected colors.

Typical Properties

These values are not intended for use in preparing specifications.

As Supplied¹	
	Consistency Nonslumping paste
	Corrosion Properties Noncorrosive
CTM ² 0364	Extrusion Rate, 1/8-inch nozzle at 90 psi, grams/minute 133
CTM 0098	Skin-Over Time, minutes 20
CTM 0095	Tack-Free Time, minutes 50-90
CTM 0022	Specific Gravity at 77°F (25°C) 1.33
As Cured³	
	Color Off-white, black, gray
CTM 0293	Peel Strength, ppi
	ABS >35 Steel, carbon >35
	Acrylic, primed >30 Steel, galvanized >30
	Polycarbonate, primed >35 Steel, milled >25
	Polycarbonate, unprimed .. >35 Steel, stainless >30
	Phenolic G-10 >30 Wrought Iron >30
	Polystyrene >20 Copper >35
	PVC >30 Glass >30
	Aluminum, anodized >30 Neoprene >25
	Aluminum, milled >35 Silicone Rubber >30
CTM 0099	Durometer Hardness, Shore A 35
CTM 0137A	Tensile Strength, psi 350
CTM 0137A	Elongation, percent 420

¹All cure conditions are 77°F (25°C) and 50 percent RH.

²CTMs (Corporate Test Methods) correspond to standard ASTM tests in most instances. Copies of CTMs are available upon request.

³After 7 day cure at 77°F (25°C) and 50 percent RH.

Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call (517) 496-6000.

SAFE HANDLING INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM YOUR DOW CORNING REPRESENTATIVE, OR DISTRIBUTOR, OR BY WRITING TO DOW CORNING CUSTOMER SERVICE, OR BY CALLING (517) 496-6000.

LIMITED WARRANTY – PLEASE READ CAREFULLY

Dow Corning believes that the information in this publication is an accurate description of the typical characteristics and/or uses of the product or products, but it is your responsibility to thoroughly test the product in your specific application to determine its performance, efficacy and safety. Suggestions of uses should not be taken as inducements to infringe any particular patent.

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