



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224
Phone: 410-675-2100 or 800-543-3840

Revised: 06/10/2019

MONO[®] 100% Silicone Window & Door Sealant

- Cured sealant is mildew resistant
- Watertight seal
- Long-lasting flexibility
- Minimal shrinkage
- Indoor/Outdoor

Packaging: 290 mL cartridges, 83 mL squeeze tube (Clear only)
Colours: White, Clear
UPC Number: 7079874829, 7079874830, 7079874831

Company Information:

Manufactured for: DAP Canada, 475 Finchdene Square, Unit 5, Scarborough, ON. M1X 1B7

Usage Information: Call 888-DAP-TIPS or visit dap.ca & click on “Ask the Expert”

Order Information: 800-327-3339

Fax Number: 410-558-1068

Also visit the DAP website at dap.ca

Product Description:

MONO[®] 100% Silicone Window & Door Sealant is an all-purpose, one component, acetoxy cure sealant ideal for indoor/outdoor use. It provides a watertight, flexible seal that won't crack, crumble or shrink. Once cured, it is unaffected by temperature extremes (-40°C to 204°C). When tested in accordance with ASTM C719, meets C920 specification for Class 25, Grade NS, Uses G, O, and NT

Suggested Uses:

Ideal for caulking and sealing:

- Around windows and doors
- Siding and trim
- Gutters and vents
- Moulding

Adheres to:

- Glass
- Ceramic
- Fiberglass
- Porcelain
- Non-oily woods
- Canvas
- Most metals (*see For Best Results section*)
- Most plastics and rubbers
- Painted surface

Surface Preparation & Application:

- Remove old caulk from surface. Prepare a clean, dry surface which is free of loose debris, dust, dirt, soap, oil or grease.
- Cut nozzle at 45° angle to desired bead size. If using a cartridge, puncture inner foil seal and load into caulking gun.

- Apply sealant to surface, pushing sealant ahead of nozzle.
- Smooth bead with finishing tool if necessary.
- Clean up excess uncured sealant from surface and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Wash hands with soap and water.
- Allow 24 hours for sealant to cure. Sealant will not cure in totally confined spaces.
- When applying to hard rubber or plastic surfaces, lightly sand or roughen surface before application to maximize adhesion.
- When bonding two surfaces together, always clamp until cured, if possible.
- When using sealant to form weather-stripping or other formed rubber parts, place wax paper over sealant to prevent sticking to mating piece until it has cured.
- Reseal for reuse.

For Best Results:

- Application temperature is between -5°C and 60°C.
- Joint width should not exceed 12mm. If joint depth exceeds 12mm, use backer rod material.
- Not paintable. Paint surfaces before sealing.
- Not recommended for continuous underwater use, below grade use, use on wet surfaces, oily woods, stovepipes or chimneys. Not for fireplace applications, tuck pointing, butt joints, structural glazing or repairing surface defects.
- Not recommended for use on cementitious materials or surfaces that might bleed oils, plasticizers or solvents. Substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene and polytetrafluoroethylene do not allow for best adhesion and compatibility with sealant. Try test area before using.
- Not recommended for use on brass, copper, magnesium, zinc, iron, galvanized metals or other surfaces prone to attack by weak acids.
- Do not use where abrasion and physical abuse are encountered.
- Store in temperatures below 32°C in a dry place.

Typical Physical & Chemical Characteristics:

Polymer:	Silicone Rubber
Tooling Time:	5-10 Minutes
Tack Free Time:	10-20 Minutes
Dynamic Joint Movement:	±25%
Paintable:	No
Odour:	Vinegar-like
Consistency:	Smooth, Gunnable Paste
Specific Gravity:	0.98 @ 25°C (confirmed)
Solids:	>85.0% by weight
Temperature Service Range:	-40°C to 204°C (after full cure)
Temperature Application Range:	-5°C to 60°C
Freeze Thaw Stable:	Yes
Shelf Life:	18 months from manufactured date
Coverage:	290 mL: 14.8 m at a 5 mm bead size 83 mL: 4.2 m at a 5 mm bead size
SDS Number:	00042316603 (White), 00042317603 (Clear)

Clean Up:

Remove excess uncured sealant from surfaces and tools with mineral spirits. Do not use mineral spirit

to clean skin. Wash hands with soap and water. Cured sealant must be cut or scraped away.

Safety & Warranty Information:

See product label and Safety Data Sheet (SDS) for health and safety information.

For an SDS, contact your supplier or visit dap.ca

If product fails to perform as directed, within one year from the date of purchase, call 1-888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund.

DAP will not be liable for incidental or consequential damages.