



# TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

## DAP® 100% Silicone Rubber Window, Door & Siding Sealant

### PRODUCT DESCRIPTION

**DAP® 100% SILICONE RUBBER WINDOW, DOOR & SIDING SEALANT** is a durable, 100% waterproof and weatherproof sealant for sealing out drafts, water and moisture around windows, doors, siding, gutters, flashing, pipes, vents and more. It stays flexible to withstand expansion and contraction without cracking or losing adhesion. Cured sealant is mould and mildew resistant. Interior/exterior use.



PACKAGING	COLOUR	UPC
10.1 fl oz (300 mL)	White	7079873461
10.1 fl oz (300 mL)	Clear	7079873473
10.1 fl oz (300 mL)	Aluminium	7079873485
10.1 fl oz (300 mL)	Brown	7079873497

### KEY FEATURES & BENEFITS

- When tested in accordance with ASTM C719 meets the ASTM C920 requirements for Class 25, Use G
- 100% waterproof & weatherproof seal
- Flexible
- Cured sealant is mould & mildew resistant
- Interior/exterior use

### SUGGESTED USES

#### USE FOR CAULKING & SEALING:

- Windows
- Doors
- Siding
- Trim
- Pipes
- Vents
  - Ducts
  - Gutters



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- Flashing

## ADHERES TO:

- Wood
- Composite wood
- Aluminium
- Most metals\*
- Glass
- Ceramic
- Porcelain
- Vinyl
- Most plastics & rubbers
- Most rubbers

## FOR BEST RESULTS

- Apply when surface temperatures are between -37°C to 60°C.
- Joint width should not exceed 13mm (½"). If joint depth exceeds 13mm (½"), use foam backer rod.
- Allow 24 hours for sealant to fully cure. Sealant will not cure in totally confined spaces.
- Not recommended for continuous underwater use, filling butt joints, surface defects, tuck-pointing, chimneys, stovepipes or fireplace applications. Not recommended for structural glazing.
- Corrodes some metals. \*Not recommended for use on or near brass, copper or copper alloys, zinc, iron, galvanized metals or other surfaces prone to attack by weak acids.
- Not for oily woods or cementitious surfaces. Substrates made of methyl methacrylate, polycarbonate, polypropylene, polyethylene and polytetrafluorethylene do not allow for best adhesion and compatibility with sealant. Try test area before using.
- **Not paintable.** Paint substrate surface before applying sealant.
- Store below 26°C in dry place for optimal shelf life.

## APPLICATION

### Surface Preparation

Surface must be clean, dry, structurally sound and free of old caulk, dirt, dust & other foreign material.

### Product Application

1. If using squeeze tube, remove cap & cut nozzle at 45° angle to desired bead size. Unscrew nozzle & remove foil seal. Replace nozzle.
2. If using cartridge, cut nozzle at a 45° angle to desired bead size. Puncture inner foil seal. Load into caulk gun.
3. Fill gap or crack with sealant.
4. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
5. Allow sealant to cure for at least 12 hours before exposing to water.
6. Do not touch or clean sealant for 24 hours. Sealant reaches full cure in 24 hours.
7. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water.
8. Sealant is not paintable. Paint surfaces prior to applying sealant.
9. Reseal cartridge/tube for storage and reuse.



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## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency	Smooth, gunnable paste
Base Polymer	Silicone rubber
Filler	Not applicable
Volatile	Not applicable
Weight % Solids	>97%
Density (lbs per gallon)	8.0
Odour	Vinegar like
Clean Up	Mineral spirits
Flash Point	>100°C
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	24 months
Coverage	300ml (10.1fl.oz): 16 linear meters (53 linear feet) at 5mm (3/16") diameter bead
<b>Typical Application Properties</b>	
Application Temperature Range	-37°C to 60°C
Tooling Time (Working Time)	5-10 minutes
Tack Free Time	10-20 minutes
Full Cure	24 hours
Return to Service Time	12 hours
Vertical Sag (ASTM D2202)	1mm (0.05")
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-40°C to 176°C continuous use, up to 204°C intermittent use after full cure
Water Ready Time	12 hours
Paint Ready Time	Not paintable
Mildew Resistance	Cured sealant is mould & mildew resistant
Dynamic Joint Movement (ASTM C719)	+/-25%



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## CLEAN UP & STORAGE

Remove excess uncured sealant from surfaces and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water. Store container in temperatures below 26°C and in a dry place.

## SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request a SDS by visiting our website at [dap.ca](http://dap.ca) or calling 888-DAP-TIPS.

## WARRANTY

**WARRANTY:** If product fails to perform when used as directed, within one year of date of purchase, call 888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP Products Inc. will not be responsible for incidental or consequential damages.

## COMPANY IDENTIFICATION

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

**Usage Information:** Call 888-DAP-TIPS or visit [dap.ca](http://dap.ca) & click on "Ask the Expert"

**Order Information:** 800-668-9397 or 416-321-1522

**Fax Number:** 416-321-3325

**Also visit the DAP website at [dap.ca](http://dap.ca)**