

OSI[®]

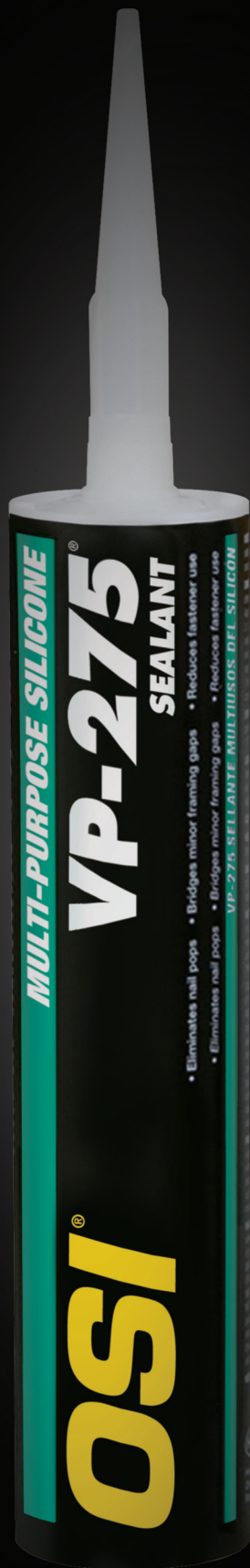
Professional Grade Adhesives & Sealants

VP-275[®] SEALANT

MULTI-PURPOSE SILICONE

- Excellent movement capability
- Waterproof & Weatherproof
- High Performance, Easy Extrusion in any weather
- 4" Professional Nozzle

OSI[®] VP-275[®] is a one-part, low modulus, neutral curing silicone sealant specifically formulated for use on vinyl products in the siding & window industry. The high performance characteristics of VP-275 provide excellent primerless adhesion to most porous and non-porous building materials. VP-275 cures at room temperature by reaction with moisture in the air to produce a permanently flexible seal that is weaterproof and waterproof. It offers superior resistance to oxidation, UV light, temperature variations and is non-corrosive to most metals. The low modulus properties of the sealant allow it to withstand extension and compression movement capability up to $\pm 25\%$ of the original joint width.





Professional Grade Adhesives & Sealants

Recommended Uses

OSI® VP-275® Silicone was specifically formulated for use on vinyl products in the siding and window industry. It is well suited for use in new construction, remodeling and remedial jobs, renovation work and service/maintenance projects that require sealants. OSI VP-275 bonds to treated or untreated wood, steel, aluminum, brass and some plastics; glass, ceramic tiles, brick, concrete, mortar and most other masonry materials. OSI VP-275 is highly recommended for expansion joints, metal curtain walls and modular component applications; glazing of glass and perimeter sealing including weatherproof sealing around vinyl, metal or wood windows and siding in residential construction.

Not Recommended For

- Joints subject to continuous water immersion (i.e. swimming pools, boats, etc)
- Horizontal joints or traffic bearing joints where abrasion resistance is required (i.e. walkways, driveways, runways, etc)
- Applications in totally confined or air-free spaces
- Sealing green or vulcanized rubber
- Use with potable water systems
- Direct contact on the reflective coatings on mirrors
- Applications requiring painting (Paint will not adhere to silicone)

Coverage

A 10 fl oz (295 mL) cartridge will extrude approx. 30.6 ft (9.3 m) of a 1/4" (6 mm) bead. A 10 fl oz (295 mL) cartridge will extrude approx. 13.6 ft (4.1 m) of a 3/8" (9.5 mm) bead.

Storage And Disposal

NOT DAMAGED BY FREEZING. Store in a cool, dry place at temperatures not greater than 80°F (27°C). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

Typical Cured Properties

Color:	Various colors
Shrinkage:	Nil
Hardness, Shore A:	29 ± 1
Elongation at Break:	
Initial (5 Day RT Cure)	324 ± 20 %
Full Cure (30 days @ 50°C)	325 ± 63 %
Tensile Strength at Peak:	
Initial (5 Day RT Cure)	179 ± 11 psi
Full Cure (30 days @ 50°C)	213 ± 20 psi
% Recovery:	
Initial (5 Day RT Cure)	100%
Full Cure (30 days @ 50°C)	99%
Movement Capability:	± 25%
180° Peel Adhesion:	
Aluminum Flashing (Coated)	6.8 ± 1.3 pli
FRP (Glossy Side)	8.7 ± 1.7 pli
OSB	7.5 ± 1.9 pli
PVC Trim	7.9 ± 0.6 pli
Service Temperature:	-58°F (-51°C) to 302°F (150°C)
Paintable:	No
Water Resistant:	Yes, when fully cured.
Specifications:	
	• Federal Spec. TT-S-00230C (COMNBS) Type II, Class A
	• Federal Spec. TT-S-001543A (COMNBS) Class A
	• ASTM C920: NS, NT

Disclaimer

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent. All marks are trademarks or registered trademarks of Henkel Corporation and its affiliates in the USA and elsewhere.



Henkel Corporation
Professional and Consumer Adhesives
Phone 1-800-624-7767
Fax (440) 250-7873
www.henkel.com www.osipro.com