

OW-Seal

Neutral Cure Silicone Sealant

PRODUCT DESCRIPTION :

OW-SEAL SILICONE is a one-part neutral curing sealant specialty for –

- *General-purpose sealing and bonding.
- *Space-filling rubber adhesive.
- *Caulking and sealing window and door frames, siding, trim, skylights, gutters, vents and pipes.
- *Sealing to some plastics and vinyls.

Key Features

- Excellent durability
- High elasticity
- Low odor
- Good unprimed adhesion to a variety of substrates.
- Nonacidic cure enables use on a variety of substrates.
(glass, metals, plastics)
- Resistant to ozone, ultraviolet (UV) radiation and temperature extremes (-40 to 150°C)

Key Applications

- Glazing
- Joint sealing
- Assembly
- Construction

Limitations:

OW-Seal is not recommended on bituminous substrates, substrates based on natural rubber, chloroprene or EPDM or on building materials which might bleed oils, plasticizers or solvents. Do not use in totally confined spaces because the sealant requires atmospheric moisture to cure. It is not recommended for structural glazing applications. It is neither suitable for food contact applications, nor for medical use. It is not suitable for aquariums.

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

Cautions:

Uncured product may irritate eyes, respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use only in well-ventilated places.

Keep out of reach of children.

OW-SEAL

Neutral cure, High elasticity and Low odor

**Good unprimed adhesion to a variety of substrates
resistant to ozone and ultra-violet radiation.**

Application Instructions:

Application surfaces should be clean, dry sound and free from all contaminants such as dust, rust, grease etc. Cut the nozzle at an angle and apply the sealant with a hand or air operated cartridge gun. Using a round edged spatula (or similar tool) spread the sealant against all surfaces.

For full details of substrate compatibility, adhesion and primer recommendations, consult your authorized Al-Bahar Distributor or Al-Bahar Technical Services Department directly.

Packaging and Storage:

OW-Seal is available in 310 ml. plastic cartridges and 600ml. Aluminum sausage foil. Shelf life is 15 months from the date of manufacture. Store in cool (below 25° C.), dry condition.
(Check "Use before date")

SPECIFICATIONS :

PROPERTY	UNIT	VALUE
Cure System		Oxime Neutral
Standards Colors		Transparent, White, Black & Gray
Application Temperature	°C	+5 to +40
	°F	-41 to +104
Specific Gravity	g/ml	1.02
Extrusion	g/minutes	287
Tack free time (23°C or 73.4°F, 50% RH)	minutes	17
In-depth cure at 25 °C mm/day	mm	2.1
Tensile strength at break	MPa	1.5
Elongation at break	%	400
Hardness (Shore A)		21
Service Temperature range	°C	- 40 to +150