



GENERAL PURPOSE SILICONE

NEUTRAL CURE SEALANT

TECHNICAL SHEET 30/06/2023

SMART ADVANTAGES

- Excellent General Purpose sealant
- Permanently flexible
- Suitable for interior and exterior applications
- Unaffected by rain, snow, extreme temperature change and constant ultraviolet exposure
- Waterproof
- Excellent adhesion properties

DESCRIPTION

- Bostik's General Purpose Silicone is a non-slumping, one component, neutral-curing rubber paste that cures to a permanently flexible silicone rubber on exposure to atmospheric moisture at room temperature.
- Bostik's General Purpose Silicone is low odour, non-corrosive and sensor-safe. It is permanently flexible and stable at temperature from -62°C to 343°C. It is also highly resistant to oil, water, weather, vibration and grease.
- It features excellent oil resistance and is able to accommodate joint movement thus guaranteed no to leak.
- Bostik's General Purpose Silicone is specially formulated for high torque applications which require a unique RTV gasket.
- Bostik's General Purpose Silicone adheres to glass, metal, wood, painted surfaces, silicone rubber and plastic. Since the composition of the substrates can vary greatly, adhesion tests for the specific cases are advisable.

FUNCTIONAL CHARACTERISTICS

- Ideal for mounting around windows & doors frames.



- Bonding all panels (OSB, wood, plasterboards, drywalls, insulation boards...).
- Bonding masonry elements (windowsill, brickwall) and decorative elements.
- Gap filling around pipes, penetration surfaces and more.
- All materials except for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for permanent water load. Not suitable for filling in cavities with insufficient moisture.
- Interior & Exterior.

TECHNICAL CHARACTERISTICS

Appearance	Clear, grey, White and Black
Specific Gravity @ 25°C	1.02 ± 0.03 g/cm ³
Slump @ 23°C	Max. 3 mm
Temperature Resistance	-62°C to + 343°C
Tack free time @ 23°C	Max. 15 min
Extrusion Rate @ 23°C	30-70 g
Tensile Strength	Min. 1.0 MPa
Elongation at break	Min. 250%
Hardness (Shore A)	25 ± 5
Tensile shearing adhesive strength	Min. 0.5 MPa
Designation Failure (%CF)	80-100%

APPLICATION

- Bostik's General Purpose Silicone is a ready to use, solvent free silicone sealant which is primarily designed for general purposed sealing and bonding applications.
- The consistency of the uncured material allows a high application rate and makes it good choice not only for dispensing from a caulking gun but also for automatic dispensing.
- It may be applied to both horizontal and vertical surfaces.
- The silicone rubber form from Bostik's General Purpose Silicone retains elastomeric properties for long period at temperature up to 343 °C.
- Bostik's General Purpose Silicone is well suited as Formed-in-Place Gasket (FIPG) material for flange sealing, for example on transmissions, compressors and pumps.

- Bostik's General Purpose Silicone may also be used for:
 - Assembling valve and timing cover, crankcase, radiator, thermostat
 - Bonding gaskets in heating and cooling systems, appliances.
 - Sealing connecting joints, flanged pipe joints.
 - Repairing cables.

SURFACE PREPARATION

- Ensure all surfaces that will be in contact with the sealant must be clean, dry, free of dust dirt, rust, oil and other contaminants.
- Nonporous substrates should be clean with solvent and wipe dry immediately with cloth before the solvent evaporates from the surface. Porous surfaces should be roughening with a stiff-bristled brush, rubbed down or sandblasted.
- Remove the gap and punch a hole on the tube with the gap's sharp edge. Cut off tip nozzle and screw on nozzle to tube.
- Apply on surface in steady flow by hand pressing. If required, smooth and shape sealant with spatula dipped in mild detergent.
- To remove excess uncured sealant with a mineral turpentine soaked cloth. Fully cured excess sealant can be removed by trimming with a sharp knife
- Content fully cures in 48 hours.

DISCLAIMER

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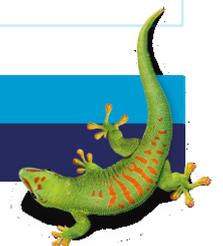
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SAFETY

- Ensure good ventilation if used indoors.
- Contact of unvulcanised silicone sealant with eyes and mucuous membranes must be avoided as this will cause irritation.
- Prolonged contact with eyes, flush with water and consult physician.
- Keep out of reach of children.

STORAGE

- Store in dry and cool place below 30°C.
- Use within 18 months from the date of manufacturing.

PACKAGING

Product Code	30625121
Volume	20g

The application recommendations are defined by standards of use. Consult our safety data sheets for precautions to use.

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