



BOSTIK 926

High Performance Industrial Silicone Sealant

6 December 2017

YOUR SMART ADVANTAGES

- Industrial qualities
- One component product
- The thixotropic nature of this product ensures that it will not slump, sag or run off surfaces
- Good resistance to weathering & moisture
- Good resistance to most motor oils and some chemicals
- Excellent temperature range (-50 °C + 205 °C)
- Non corrosive sealant
- Excellent electrical insulation properties
- Good adhesion to metal, aluminium, wood, some rubber and plastics
- 100% silicone rubber
- Meets the requirements of many industrial, mining, OEM applications

DESCRIPTION

Bostik 926 is a one component, neutral (oxime) cure, high strength, high modulus industrial grade silicone sealant. It cures by absorption of atmospheric moisture to form a flexible and durable elastomeric sealant.

Bostik 926 cures rapidly to an even consistent silicone rubber. Because of its superior adhesion to most substrates, it is extremely effective as a high performance industrial silicone. It maintains its properties while in contact with a broad range of chemicals and over a broad temperature range.

USES

Industrial and mining maintenance
Automotive, marine and general maintenance applications
Makes formed-in-place gaskets for ducting, white goods, electrical sealing, sealing of man hole covers, water tanks, industrial piping
Sealing of trailers and boat and truck cabins
Sealing gaskets in heating and refrigeration units
Bonding and sealing appliance parts
Sealing of joints in sheet metal stacks, duct work and roofing

(Not to be used on polycarbonate materials, may cause crazing, use Bostik 5CLM)

APPLICATION INSTRUCTIONS

ONE PART SYSTEM

Being a one-part industrial sealant – **Bostik 926** offers the confidence of consistent even cure, it also improves operator productivity, as time is not lost mixing the product, is easy to use in difficult locations, and can be applied using a standard cartridge gun.

Bostik 926 has excellent natural ageing stability. It will maintain its elastomeric joint sealant properties permanently, even under harsh conditions and temperature extremes.

COMPATIBILITY WITH ADJACENT SUBSTRATES

Silicones are not always compatible with plasticized sealants, such as butyls. Also some backing rods and bitumen or other agents may be incompatible with RTV silicone. The incompatibility may cause discoloration, poor sealant cure or long term degradation of the sealant. Always carry out compatibility tests where contact with potentially incompatible materials occurs. (Bostik offers this service via our lab facilities for projects)

APPLICATION – CLEANING & APPLYING

Always ensure that the surfaces to be sealed are dry and free from oil, dirt and grease.
Use the two-wipe process for impervious substrates. Ensure the cloths are clean and changed frequently, and use a suitable cleaner/solvent.
When extruding the sealant cut the nozzle to the desired width, cut the tip off the cartridge, and apply the sealant firmly to ensure good contact between the sealant and the substrate. Before the sealant has skinned, tool it off to ensure a good finish, and to improve the wetting out of the sealant to the substrate. Clean/wipe off excess sealant with a clean cloth or polyurethane scraper. Masking tape can be used. (Masking tape must be removed before skin over starts). (Consult Bostik or your distributor for more information).

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PRODUCT CHARACTERISTICS

Colour	Translucent, Black & White
Skin Time (BS 5889)	9 minutes
Tack Free Time (ASTM C679)	45 minutes
Tooling Time (ASTM C679)	8 minutes
Sag or Slump (BS 5889)	Nil
Application Temperature	-10°C to +40°C
Service Temperature	-50°C to +205°C

Application of the sealant at +5°C to +35°C is permissible provided the surface to receive the silicone is dry and free of frost. The maximum service temperature listed is for transient temperatures; the silicone sealant will deteriorate if subjected to these temperatures on a continuous basis.

Product code	
300gm cartridge/15 per ctn	
Translucent	30804649
Black	30804650
White	30804665

TYPICAL PERFORMANCE DATA (approx.)

Shore A Hardness (ASTN C 661)	22
100% Modulus (ASTM D 412)	0.5 MPa
Tensile Strength (ASTM D 412)	1.5 MPa
Elongation % (ASTM D 412)	500%
Peel Strength after UV through Glass (BS5889)	89N/25mm
Dynamic Movement Capacity (ASTM C 920)	± 25%
Accelerated Ageing and Weathering (ASTM C 792)	Excellent

STORAGE & SHELF LIFE

Always store the sealant in a cool dry place. Ideal storage temperature is not more than 25°C. Prolonged storage at high temperatures may affect shelf life and ultimate performance.

The shelf life of **Bostik 926** is 12 months from the date of manufacture when stored below 25°C and below 50% relative humidity.

LIMITATIONS

As the sealant requires atmospheric humidity to cure, it will not cure in totally confined spaces where there is an absence of these conditions.

Under water applications (subject to substrate)

Below grade applications

Some stones granite etc

Soft metals, such as Brass, Copper (will only discolor)

Horizontal walkways

Do not clean or treat the RTV silicone with materials, cleaning agents or solvents that may affect or discolor the silicone, particularly during curing.

This silicone is not paintable. If there is a requirement to paint the sealant, our recommendation is to use Bostik Gap Filler acrylic sealant products. Follow both the sealant and paint manufactures painting instructions carefully when painting seals.

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HEALTH AND SAFETY

Bostik 926 is not classified as Dangerous Goods or a Hazardous Substance according to Work Safe Australia respectively.

The product however, should be used in accordance with good occupational, health and safety practices.

May cause irritation if swallowed, moderately irritating to eyes, vapour may cause irritation during the cure stage (vapour in high concentrations).

Do not swallow and avoid prolonged or repeated contact with the skin. If contact with the eyes occurs, wash eyes with copious quantities of water and consult a doctor if irritation persists.

Always read Material Safety Data Sheet and Bostik RTV 926 product data sheet before using.

The Material Safety Data Sheet defining the known hazards and describing the appropriate safety precautions with respect to the product are available through Bostik Australia Pty Ltd.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.

BOSTIK HOTLINE

Smart help 1800 898 551



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