

TECHNICAL DATA SHEET

PRODUCT : "BULLDOG" GASKET MAKER BLUE



PRODUCT DESCRIPTION

"Bulldog" Gasket Maker - Blue is a high quality high strength quality RTV Silicone Sealant - Neutral Cure, which withstands high temperature high pressure (upto 343°C intermittently). It has very good hardness and gap filling which makes it very suitable for larger engines of trucks, trailer etc. Also its oil resistance is superior. To other Gasket Maker from a hard flexible gasket which resist oil, water antifreeze etc.

COMPOSITION

Prepolymer of Silicone Rubber Gasket Maker cures at room temperature in the presence of atmospheric moisture to form high quality Silicone Rubber.

APPLICATION AREAS

In automotive, on head gaskets, on large engine of Trucks, Trailer gaskets also for gear boxes and differential gaskets etc. On machinery such as large pumps, compressors, for sealing with or without gasket. sealing of dies casting and other industrial application.

DIRECTIONS FOR USE

Apply an even bead of 3-4 mm on the material to be sealed. Surround all bolt holes. Let the material air dry for 5 min and then attach to the other mating surface and affix the bolts. Do not tighten completely. Leave space of 2 - 3mm for the Gasket to form. After a full cure of 24 hrs, tighten the bolts fully.

CLEANUP

Removal from body and parts can be done in the uncured state with cotton waste dipped in toluene. Cured sealant can be cut with a sharp tool.

DISCLAIMER

The information contained herein is given in good faith, based on our tests & knowledge of the product; as a guide. The responsibility is of the user to verify its usability for any application. The company, The Standard Products Mfg. Co. Mumbai, disclaims all warranties expressed or implied and takes no responsibilities for any loss or damage arising from the use of its products.

For further information please contact

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PROPERTIES OF THE UNCURED MATERIAL

Chemical Nature	: RTV Silicone Sealant - Neutral Cure
Colour	: Blue
Odour	: Slight (ketoxime) odour. No solvent release
Relative Density	: 1.18 - 1.24
Extrudability	: Easily extruded from tubes, cartridges / sausages Rate >320 g/min
Sag / Slump	: None
Flammability	: Non - flammable
Shrinkage	: Negligible
Skin formation time	: 6 -10 s
Full Cure time	: 24 hrs (Bead of 5mm/ 25 C /RH-50%)
Shelf Life	: 18 months in Aluminium Tubes 9 months in Plastic Cartridges or Sausages

PROPERTIES OF THE CURED MATERIAL

Consistency	: Rubbery Solid
Hardness (Shore A)	: 21-25
Elongation	: > 250%
Tensile Strength	: 200-300 psi / 15-20 kgs / cm2 1.5 -2 MPa (N/mm2)
Application Temp Range	: 10°C to 50°C
Service Temp Range	: 30°C to 300°C
Adhesive Properties	: Fairly good, adhesion to metals / glass and other materials as above
Compatibility	: Extremely compatible with most normal engineering and construction material such as metals, glass, brick work, concrete etc.
Resistance to Atmospheric Conditions, Ozone & UV	: Excellent
Durability / Life Expectancy	: 10 years under normal working condition specified
Paintability	: Cannot be painted upon
Removability	: Easily removed by cutting

SAFETY INSTRUCTION

1. Keep away from children.
2. Avoid excessive contact with body. Clean with plenty of water in case of eye contact.
3. Cannot be ingested. Lethal if ingested.
4. Do not induce vomiting, in case of ingestion. Consult a physician immediately.
5. Slight odour release. Do not use in closed spaces.