

TECHNICAL DATA SHEET

PRODUCT : "BULLDOG" GASKET MAKER

CLEAR



PRODUCT DESCRIPTION

"Bulldog" Gasket Maker - Clear is a high quality RTV Silicone Sealant - Neutral Cure, which withstands high temperature upto 250 C. It is an ideal Gasket Maker for preparing Form - in - Place gaskets for Engines, Gear Boxes, Fuel Pumps Carburetors etc. for all Automotive application i.e.Trucks, Tractors, LMV's Cars, Buses as well as 2 & 3 - Wheelers. It is ideally used as a Gasketing material for all pumps, engines and other applications where high temperature and high pressure sealing is required. It resists the action of oils, water, antifreeze and more

COMPOSITION

Prepolymer of Silicone Rubber , Gasket Maker cures at room temprature in the presence of atmosphereic moisture to form high quality Silicone rubber.

APPLICATION AREAS

In automotive , on head gaskets, pump gaskets, timing chain cover gaskets, gear box and differential gaskets etc. On machinery such as pumps,compressors,for sealing with or without gaskets. Also used extensively as a sealant for windows , headlights and other automotive sealing.

DIRECTIONS FOR USE

Apply an even bead of 3-4 m 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 & knowlege 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.

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PROPERTIES OF THE UNCURED MATERIAL

Chemical Nature	: RTV Silicone Sealant - Neutral Cure
Colour Consistency	: Clear
Odour	: Slight (ketoxime) odour. No solvent release
Relative Density	: 0.97 - 1.02
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)	: 12 - 16
Elongation	: > 250%
Tensile Strength	: 200-300 psi / 15-20 kgs /cm2 1.5 -2.0 MPa (N/mm2)
Application Temp. Range	: 10°C to 50°C
Service Temp. Range	: 30°C to 250°C 300°C (intermittently)
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 conditions
Paintability	: Cannot be painted upon
Removibility	: 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 vomitting,in case of ingestion. Consult a physician immediately.
- 5.Slight odour realease.Do not used in closed spaces.