



BOSS[®] 193 Low Volatile Gasket Sealant

TYPICAL PROPERTIES

Type Oxime Silicone, one part,
 non-slumping silicone paste

Cure Cures at room temperature by reaction
 with moisture in the air

Operating Temperature -85°F to 500°F (-65°C to 260°C)

Primary Uses Bonding, sealing, potting,
 encapsulating and protective coating operations
 where parts must perform at high temperatures

As Supplied

Color Black & Grey

Flow/Slump NIL

Extrusion Rate (1/8" orifice, 90 psi) 500 g/min.

Specific Gravity 1.40

Cure Characteristics – exposed to air, 77°F (25°C) 50% RH

Tack Free time 15 min.

Cure time (1/8" thickness) 24 hrs.

As Cured – after 72 hrs. at 77°F (25°C) and 50% RH

Durometer Hardness, Shore A 30 points

Tensile Strength 225 psi

Elongation 550%

*Optimum adhesion is obtained in 7 to 10 days curing time.
 *Use A-120 prime coat if increased adhesion is required.
 *Information on this data sheet is subject to change without notice
 and should not be used for writing specifications.
 For additional information on specific applications, contact Accumetric, LLC



APPLICATIONS

Use on valve covers, oil pans, transmission pans, timing covers, intake manifolds and any general gasketing applications.

FEATURES

- Oil resistant
- Water resistant
- Noncorrosive
- O² sensor/catalytic converter safe
- Low odor
- Remains flexible
- Excellent blow out properties

DESCRIPTION

BOSS[®] 193 is a low odor, sensor safe, noncorrosive silicone sealant designed for high torque applications. BOSS[®] 193 forms to any shape instantly. Outstanding blow out properties and resists oil, water, anti-freeze and transmission fluid. Dries tough, but remains highly flexible. Temperature resistance up to 500°F (260°C). Manufactured to meet OEM specifications.

HOW TO USE

1. Clean and dry surfaces. Remove any soap, oil or grease.
2. For a smooth seal, hold applicator at a 45° angle pushing sealant ahead of nozzle.
3. Tooling must be completed in 5 minutes.
4. Excess material can be smoothed with a putty knife or cleaned with a damp cloth.
5. Normally sealant “skins” in 5 minutes, dries to touch in one hour, and cures and bonds in 24 hours. Optimum strength is achieved in 7 days.
6. After sealant is completely cured, excess material can be removed by trimming with a sharp blade. Avoid undercutting the seal.

CAUTION

CONTACT WITH UNCURED PRODUCT MAY CAUSE EYE IRRITATION. Avoid contact with eyes. Do not handle contact lenses with product on hands. Avoid contact with skin and clothing. Wash hands thoroughly after handling. **FIRST AID:** IN CASE OF EYE CONTACT, immediately flush eyes with plenty of water for 15 minutes. Get medical attention. IN CASE OF SKIN CONTACT, immediately flush/wash skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops and persists. **KEEP OUT OF REACH OF CHILDREN.**

SHIPPING LIMITATIONS

None.
Reactive VOC 42 g/l (<3.04% wt)

STORAGE AND SHELF LIFE

When stored in original unopened containers at or below 90°F (32°C), **BOSS® 193 Low Volatile Oxime Sealant** has a shelf life of 12 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. **DO NOT** store within 1 meter (4 feet) of roofline of the warehouse or storage building.

PACKAGING

BOSS® 193 is available in 52 gallon drums. Other sizes available upon request.

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The user's exclusive remedy and the supplier's sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

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