

## Product Data

# ETERNA-450

## LV Black Silicone

### Forms In-Place Gaskets and Seals For:

- Pumps
- High Pressure Pipe Joints
- Oil and Transmission Pans
- Oil and Water Pumps
- Valve and Timing Chain Covers
- Exhaust Flange Connections
- Electric Motors and Electrical Control Boxes
- Gear Boxes
- Compressors
- Machine Covers
- Rigid Flange Assemblies
- Equipment Housings

ETERNA-450 Silicone Sealant and Adhesive is designed specifically for high temperature and large temperature variance applications. It resists cracking, shrinking and migrating caused by thermal cycling. ETERNA-450 replaces a wide range of cork, paper, asbestos, felt and metal gaskets. This product features excellent adhesion characteristics and high chemical resistance, and it will not sag or shrink. It withstands constant temperatures from -60°F to +500°F and intermittent temperatures up to +600°F. It is also safe to use on oxygen sensor equipped vehicles. ETERNA-450 functions to pressures up to 350 psi and offers unmatched performance under the most severe operating conditions. It is virtually unaffected by chemical deterioration, extreme weather, temperature or aging.

- ✓ Meets GM & OEM Specifications
- ✓ Safe to Use on Oxygen Sensor Equipped Vehicles
- ✓ Remains Permanently Flexible at Temperatures From -60°F to +500°F
- ✓ 100% Low Volatile RTV Silicone
- ✓ Pressurized Dispensing Makes Any Size or Shape Gasket Instantly



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## APPLICATIONS

ETERNA-450 is a 100% Low Volatile R.T.V. Silicone Industrial Strength Sealant. This product meets GM and OEM Specifications. ETERNA-450 is safe for use on oxygen sensor equipped vehicles. Its pressurized dispenser makes any size or shape gasket instantly. ETERNA-450 remains permanently flexible at temperatures from -60°F to +500°F. It reduces inventory and down time. Each can of ETERNA-450 contains 100's of gaskets and seals.

ETERNA-450 can be used on metal, glass, ceramics, wood, rubber and most plastics. As an instant gasket maker, this product replaces a wide range of cork, paper, asbestos, felt and metal gaskets. It has excellent adhesion characteristics & high chemical resistance. ETERNA-450 will not sag or shrink, and it is impervious to temperature extremes.

## DIRECTIONS

1. Surface must be clean, dry and free of oil, tar, dirt and dust for best adhesion.
2. Hold can at 45° angle and apply a continuous bead of 1/16" to 1/8" to the mating surface, encircling all bolt holes.
3. For adhesion to both parts, assemble immediately. For one part adhesion, allow 10-15 minutes for bead to skin.
4. Assemble parts, but do not squeeze gasket out by over tightening bolts.
5. Starts to cure immediately, fully cures in 24 hours and reaches optimum strength in 7 days.
6. After sealant is completely cured, for food applications, wash part before use. Excess cured material can be removed by trimming with a sharp blade. Avoid undercutting the seal.

After each use, leave a small bead of material, which will form a sealing "plug" for reuse. To use, gently pull "plug" and begin to use material. If plug breaks, leaving the dispensing tip sealed, use a paper clip or other wire object to remove and loosen the remainder of the cured material.

## TECHNICAL DATA

<b>Composition:</b>	Silicone Rubber
<b>Type:</b>	Room Temperature Vulcanizing Sealant
<b>Toxicity:</b>	Slight during curing process
<b>Flammability:</b>	Non- flammable
<b>Temperature Range:</b>	-60°F to +500°F
<b>Tensile Strength:</b>	350 psi
<b>Color:</b>	Black

## APPROVALS

This product has been designed to meet GM and OEM Specifications.



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