



(888) 562-8483

Product Description Sheet

Permatex® Motoseal™ 2

Automotive Aftermarket

PRODUCT DESCRIPTION

Permatex® Motoseal™ 2 is a white silicone gasket maker designed for use on motorcycles, personal watercrafts, snowmobiles and all terrain vehicles. Resists high temperatures and performs well in applications exposed to a gasoline environment.

PRODUCT BENEFITS

- Gasoline resistant
- Effective on stamped steel flanges
- Sensor safe
- Replaces most cut gaskets
- Can be used as a gasket maker or dressing
- Easy application
- Non-flammable, Non-toxic

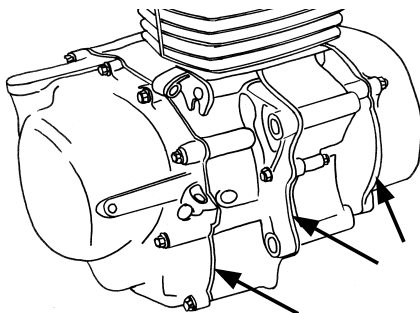
TYPICAL APPLICATIONS

- Carburetor gasket
- Cylinder base gasket
- Timing cover gasket
- Cam end covers
- Main cases
- Case halves

DIRECTIONS FOR USE

For assembly as a form-in-place gasket

1. Remove all previous material from mating surfaces. Permatex® Gasket Remover is recommended for most materials, not for plastics or painted surfaces.
2. For best results, clean and dry all surfaces with a residue-free solvent, such as Permatex® Brake and Parts Cleaner.
3. Cut nozzle to desired bead size, 1/16" to 1/4" in diameter. An 1/8" bead is usually sufficient for most applications.
4. Remove cap, puncture tube or cartridge seal and attach extension nozzle.
5. Apply a continuous and even bead of silicone to one surface, first tracing the internal areas of the gasket configuration, then all surrounding bolt holes.
6. Allow material to skin for a few minutes, then reassemble.
7. Finger tighten bolts so that the product just starts to squeeze out the sides.
8. Allow parts to cure for 24 hours, then re-tighten.



For assembly as a gasket dressing

1. Repeat steps 1 through 4 as in previous section.
 2. Apply a thin film of silicone to one surface to be sealed.
 3. Place the pre-cut gasket onto the silicone film.
 4. Apply a second thin film to the pre-cut gasket surface.
 5. Remove any excess and assemble parts immediately.
- Note: Product not recommended for use as a cylinder head gasket or head gasket sealant.*

For Cleanup

1. Allow excess material to extend beyond the extension nozzle or aerosol tip to cure, sealing and protecting the remaining product from moisture. For reuse, simply remove the cured product from the tip and exposure original product for next application.
2. Remove uncured product from parts and hand-tools with a dry cloth, if skinned over, break film with a dry cloth to remove as much as possible, and remove the remaining material with Permatex® Gasket Remover as previously stated.
3. Clean hands with a dry cloth or Permatex® Fast Orange hand cleaner.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Oxime silicone rubber
Appearance	White paste
Odor	Mild
Specific Gravity	1.08 - 1.14
Flash Point, TCC, °C (°F)	>93 (>200)

TYPICAL CURING PERFORMANCE

Permatex® Motoseal™ 2 silicone gasket is tack free in about 30 minutes, and fully cures in 24 hours. Cure times will vary with temperature, humidity and gap.

TYPICAL ENVIRONMENTAL RESISTANCE

Temperature Resistance Typical Values

Continuous, °C (°F)	-54 to 204	(-65 to 400)
Intermittent, °C (°F)	-54 to 260	(-65 to 500)

Chemical / Solvent Resistance

The product retains effective properties in contact with automotive fluids, such as motor oil, gasoline, transmission fluids, alcohol and antifreeze solutions.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Ordering Information

Part Number	Container Size
30304	2.7 oz. tube

NOT FOR PRODUCT SPECIFICATIONS.
 THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.
 PLEASE CONTACT LOCTITE CORPORATION QUALITY DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS ON SPECIFICATIONS FOR THIS PRODUCT.
 ROCKY HILL, CT FAX: +1 (860)-571-5473

Storage

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container. For specific shelf-life information, contact your local Technical Service Center.

Note

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