



Technical Data Sheet

MotoSeal™ 1 Ultimate Gasket Maker Grey

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® MotoSeal™ 1 is a gray solvent based semi-drying liquid gasket based on an elastomeric, synthetic rubber and designed for excellent gap filling properties. It is designed for use on motorcycles, personal watercrafts, snowmobiles and all-terrain vehicles. MotoSeal™ 1 resists high temperatures and performs well in a gasoline environment.

PRODUCT BENEFITS

- Resistant to gasoline
- Resists high temperatures
- Performs well at low temperatures
- Effective on uneven joint surfaces
- Forms a tough flexible film
- Chemical resistant

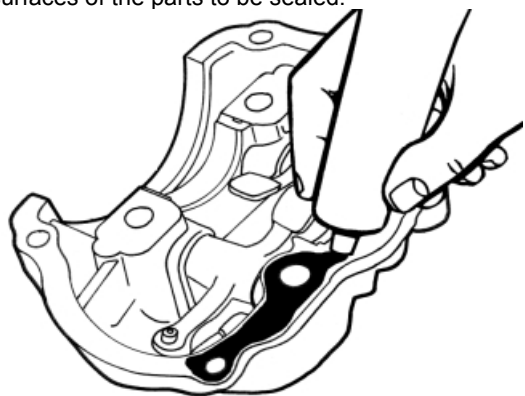
TYPICAL APPLICATIONS

- Cylinder head top covers
- Crank case halves
- Timing chain cases
- Cam covers
- Center and end covers (transmissions)
- Exhaust manifold seals
- Cylinder case halves
- Side covers
- Clutch housings

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. Apply a continuous bead of MotoSeal™ 1 to both surfaces of the parts to be sealed.



4. Smooth material with a small brush.

5. Wait about one (1) minute then mate parts together.
6. Bolt parts together using specified torque values.

For Cleanup

1. Clean up uncured MotoSeal™ 1 with acetone or lacquer thinner.
2. Cured material must be cleaned with Permatex® Gasket Remover.
3. Clean hands with a dry cloth or Permatex® Fast Orange® hand cleaner.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Synthetic rubber
Appearance	Gray viscous liquid
Odor	Solvent
Specific Gravity	1.20
Flash Point, TCC, °F	87

TYPICAL CURING PERFORMANCE

Permatex® MotoSeal™ 1 Gasket Maker cures by solvent evaporation. Full cure is dependent on temperature, humidity and size of gap.

TYPICAL ENVIRONMENTAL RESISTANCE

Temperature Resistance	Typical Values
Continuous, °F	-65 to 350
Intermittent, °F	-65 to 400

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
29132	2.7 fl. oz tubed

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.