Technical Data Sheet

MotoSeal™ 1 Ultimate Gasket Maker Grey

Revised 07/19

PRODUCT DESCRIPTION
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.

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

<table>
<thead>
<tr>
<th>Typical Value</th>
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</thead>
<tbody>
<tr>
<td>Chemical Type</td>
</tr>
<tr>
<td>Appearance</td>
</tr>
<tr>
<td>Odor</td>
</tr>
<tr>
<td>Specific Gravity</td>
</tr>
<tr>
<td>Flash Point, TCC, °F</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Temperature Resistance</th>
<th>Typical Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous, °C</td>
<td>-65 to 350</td>
</tr>
<tr>
<td>Intermittent, °F</td>
<td>-65 to 400</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Container Size</th>
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</thead>
<tbody>
<tr>
<td>29132</td>
<td>2.7 fl. oz tubed</td>
</tr>
</tbody>
</table>

STORAGE
Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 28°C (46°F 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.

NOT FOR PRODUCT SPECIFICATIONS.
THE TECHNICAL DATA CONTAINED HERIN ARE INTENDED AS REFERENCE ONLY.
PLEASE CONTACT PERMATEX, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.
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