Permatex® Pipe Joint Compound

**PRODUCT DESCRIPTION**
S.I.N.: 834-300
Permatex® Pipe Joint Compound is a black, viscous, brushable liquid sealant and lubricant designed to help assemble and seal threaded joints on water, steam, oil and fuel lines.

**PRODUCT BENEFITS**
- Non-hardening for easy disassembly
- Works to 400°F (204°C)
- Sealing pressures to 5000 psi (100 psi for steam)
- Outperforms Teflon tape and does not shred
- No measuring or mixing
- Prevents galling and corrosion

**TYPICAL APPLICATIONS**
- Threaded pipe
- Pipe fittings
- Flanges

**DIRECTIONS FOR USE**
1. Clean threads to be sealed. A light coating of oil or grease will not affect the sealability.
2. Apply the compound to the male threads, brushing into the grooves of the threads.
3. Assemble the parts.
4. On flanges and gaskets, apply a thin coat to each surface.
5. Let stand for 5 minutes and then assemble

**For Cleanup**
1. Clean up with isopropyl alcohol.
2. Clean hands with a dry cloth or Permatex® Fast Orange® hand cleaner.

**PROPERTIES OF UNCURED MATERIAL**

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Type</td>
<td>Polymerized vegetable oil</td>
</tr>
<tr>
<td>Appearance</td>
<td>Black viscous liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcoholic</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.28</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Flow similar to mustard</td>
</tr>
<tr>
<td>Flash Point, TCC, °F</td>
<td>76</td>
</tr>
</tbody>
</table>

**TYPICAL CURING PERFORMANCE**
Permatex® Pipe Joint Compound cures by the evaporation of solvent. Full properties will be affected in 24 hours.

**PERFORMANCE OF CURED MATERIAL**
Forms a semi-liquid, flexible seal when fully cured.
Temperature range –65°F to +400°F(-54°C to +204°C)

**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>
</tr>
</thead>
<tbody>
<tr>
<td>80044 (51H)</td>
<td>4 oz. bottle</td>
</tr>
<tr>
<td>80045 (51D)</td>
<td>16 oz. bottle</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.

**NOTE**
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