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## Technical Data Sheet

# Permatex<sup>®</sup> Form-A-Gasket<sup>®</sup> 1372 High Temperature Sealant

INDUSTRIAL

### PRODUCT DESCRIPTION

Permatex<sup>®</sup> Form-A-Gasket<sup>®</sup> 1372 Sealant is a slow drying, black, viscous paste. It remains pliable and flexible and is designed to seal flanges, threaded connections, bolts and fasteners at temperatures from -50°F to +600°F (-45°C to +315°C). It can be effectively applied to cork, paper, plastic and metal surfaces.

**S.I.N.: 834-300**

### PRODUCT BENEFITS

- Easy to apply
- Increases reliability at high temperatures
- Cuts repair time
- Reduces breakdown
- Resistant to a wide range of oils, fuels, lubricants and chemicals
- Seals pressures up to 5000 psi when fully cured

### TYPICAL APPLICATIONS

- Seals gaskets, flanges and threaded connections
- Aircraft heating systems
- Manifolds
- Pipe fittings
- Steam lines
- Gear boxes
- Cover plates

### DIRECTIONS FOR USE

1. Remove all previous material from mating surfaces. Permatex<sup>®</sup> 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<sup>®</sup> Brake and Parts Cleaner.
3. Apply Form-A-Gasket 1372 Sealant onto both mating surfaces and spread with a spatula or putty knife
4. Assemble parts immediately while still wet. Secure or tighten to recommended torque specs.
5. Re-torque will not be necessary after the product has dried.
6. Allow 3 to 5 hours drying time before using equipment.

### For Cleanup

1. The product can be removed from metal surfaces with isopropyl alcohol. If the sealant has been dried for a long time or at high temperatures, cover the sealant with alcohol and allow to soften overnight.
2. Clean hands with Permatex<sup>®</sup> brand hand cleaners.

### PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Modified resin, fillers & alcohol
Appearance	black paste
Odor	Alcohol

Specific Gravity  
Viscosity  
Flash Point, TCC, \_C (\_F)

1.1  
Viscous paste  
16(60)

### TYPICAL CURING PERFORMANCE

Permatex<sup>®</sup> Form-A-Gasket<sup>®</sup> 1372 Sealant once applied, develops a flexible seal by solvent evaporation. Dry times will vary with temperature, humidity and gap.

### TYPICAL ENVIRONMENTAL RESISTANCE

Temperature Resistance	Typical Values
Continuous, °C (°F)	-45 to +315 (-50 to +600)

### Chemical / Solvent Resistance

The product retains effective properties in contact with water, ethylene glycol, gasoline, motor oil, transmission fluid and sea water.

### 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
80088(1372W)	7.0 fl. oz. tube

### 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.

### NOTE

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