



Toll Free: 87 PERMATEX  
(877-376-2839)

10 Columbus Blvd., Hartford,  
Connecticut 06106

6875 Parkland Boulevard, Solon  
Ohio 44139

## Technical Data Sheet

# Permatex® Form-A-Gasket® No. 2 Sealant

INDUSTRIAL

### PRODUCT DESCRIPTION

Permatex® Form-A-Gasket® No. 2 Sealant is a black, viscous paste with a characteristic alcoholic odor. It is a slow drying, flexible setting paste that changes to a pliable, non-hardening film through solvent evaporation. It seals flanges, fittings, connections and flexible assemblies against leakage. It increases the reliability of gasket seals. Conforms to MIL-S-45180D, Type II.

S.I.N.: 834-300

### PRODUCT BENEFITS

- Improves reliability
- Extends gasket life
- Stops leakage
- Excellent for metal to metal assemblies
- Slow drying
- Flexible setting

### TYPICAL APPLICATIONS

- Threaded connections
- Cover plates
- Hose connections

### DIRECTIONS FOR USE

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. Remove cap, puncture tube or cartridge seal and attach extension nozzle (if provided).
4. When used as a gasket dressing, spread product with a spatula to a uniform film on one side of gasket and then position it on the assembly. Coat the second side of gasket and re-assemble. Slower drying formula increases work time.
5. Assembly is operational after 4 hours, full cure is affected after 24 hours.

### 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® brand hand cleaners.

### PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Modified resin, fillers & alcohol
Appearance	Black paste
Odor	Alcoholic
Specific Gravity	1.5
Viscosity	Viscous paste
Flash Point	Does not apply

### TYPICAL CURING PERFORMANCE

Permatex® Form-A-Gasket® No. 2 Sealant once applied, develops a semi-flexible seal by solvent evaporation. Dry times will vary with temperature, humidity and gap.

### TYPICAL ENVIRONMENTAL RESISTANCE

Temperature Resistance	Typical Values
Continuous, °C (°F)	-54 to 204 (-65 to 400)

### 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
80009 (2A)	1.5 oz. tube, boxed
80015 (2AR)	1.5 oz. tube, carded
80010 (2B)	3 oz tube, boxed
80016 (2BR)	3 oz tube, carded
80011 (2C)	11 oz tube, boxed

### 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

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. **Permatex, Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Permatex, Inc., products and disclaims any liability for consequential or incidental damages of any kind, including lost profits.** This product may be covered by one or more United States or foreign patents or patent applications.