



A Brand of **rrwDevcon**

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## Technical Data Sheet

# Permatex® Aviation Form-A-Gasket® No. 3 Sealant

INDUSTRIAL

### PRODUCT DESCRIPTION

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

Permatex® Aviation Form-A-Gasket® No. 3 Sealant is a dark reddish brown, viscous liquid with a characteristic alcoholic odor. It is a slow drying, liquid that changes to a pliable, tacky film through solvent evaporation. It seals close fitting parts, machined surfaces and threaded connections in industrial, aircraft, marine and automotive applications. Conforms to MIL-S-45180D, Type III.

### PRODUCT BENEFITS

- For close tolerance flanges
- Slow drying
- Flexible setting
- Withstands pressures to 5000 psi

### TYPICAL APPLICATIONS

- Solid gasket dressing
- Close fitting machined surfaces
- Threaded connections
- Aviation engines
- Marine engines

### 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 and coat with brush-top applicator.
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 effective 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	Dark brown liquid
Odor	Alcoholic
Specific Gravity	1.1
Viscosity	Viscous liquid
Flash Point, TCC, °F	60

### TYPICAL CURING PERFORMANCE

Permatex® Aviation Form-A-Gasket® No. 3 Sealant once applied, develops into a pliable, tacky 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
80017 (3D)	16 oz. bottle
80019 (3H)	4 oz. bottle

### 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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