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Technical Data Sheet

Permatex[®] Form-A-Gasket[®] No. 1 Sealant

AAM Revised 07/14

PRODUCT DESCRIPTION

Permatex® Form-A-Gasket® No. 1 Sealant is a reddish brown, viscous paste with a characteristic alcoholic odor. It is a fast drying paste that changes to a hard, semi flexible seal through solvent evaporation. It seals flanges, fittings, connections and assembles against leakage. Improves gasket seal in permanent and rigid assemblies.

PRODUCT BENEFITS

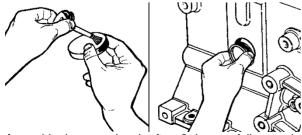
- Extends gasket life
- Prevents leaks
- Fast drying
- Hard setting

TYPICAL APPLICATIONS

- Freeze plugs
- Automotive and industrial sealant for permanent assemblies
- Threaded connections
- · Manifold gaskets
- Air ducts
- Boilers
- Pipe fittings
- Plumbing connections

DIRECTIONS FOR USE

- Remove all previous material from mating surfaces. Permatex[®] Gasket Remover is recommended for most materials, not for plastics or painted surfaces.
- 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.



Assembly is operational after 2 hours, full cure is effective after 24 hours.

For Cleanup

 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
Appearance
Odor
Specific Gravity
Viscosity
Flash Point, TCC, °C (°F)

Modified resin, fillers & alcohol
Red - brown paste
Alcohol
1.5
Viscous paste
Does not apply

TYPICAL CURING PERFORMANCE

Permatex[®] Form-A-Gasket[®] No. 1 Sealant once applied, develops a hard, semi-flexible sealant by solvent evaporation. Dry times will vary with temperature, humidity and gap.

TYPICAL ENVIRONMENTAL RESISTANCE

Temperature ResistanceContinuous, °C (°F) **Typical Values**-54 to 204 (-65 to 400)

Chemical / Solvent Resistance

The product retains effective properties in contact with water, ethylene glycol, non-ethanol containing 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 |
|-------------|----------------------|
| 80007 (1AR) | 1.5 oz. tube, carded |
| 80008 (1BR) | 3 oz tube, carded |
| 80003 (1C) | 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

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