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Technical Data Sheet

Permatex® Thread Sealant with PTFE

INDUSTRIAL

PRODUCT DESCRIPTION

Permatex® Thread Sealant with PTFE is a smooth white paste with a slight alcohol odor. It is a fast acting paste/lubricant designed to seal pipes, fittings and threaded connections against leakage and loosening. Seals pressure to working rating of pipe in air, oil, gas and hydraulic systems. Lubricates threads for quick, easy assembly and disassembly. Prevents galling and corrosion. Will not tear or shred like tapes. Remains pliable through a wide temperature range and outperforms other pipe dopes.

PRODUCT BENEFITS

- Easy to use
- Non drip formula
- Effective up to 5000 psi
- Good heat resistance
- Temperature range –65ºF to +300ºF(-54ºC to +204ºC)

TYPICAL APPLICATIONS

- Air conditioning fittings
- Temperature sending fittings
- Hydraulic fittings

DIRECTIONS FOR USE

1. Threads must be free of dirt and corrosion.
2. Apply to male threads.
3. Force sealant into the thread grooves with brush or spatula.
4. Assemble parts.
5. Adjustments can be made up to 24 hours after application without damage to seal.
6. Remove excess wet sealant by wiping with a dry cloth. Dried sealant can be peeled off.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Polymeric material
Appearance	White, smooth paste
Odor	Slight alcohol
Specific Gravity @ 77ºF	1.12
Viscosity	Paste
Flash Point, TCC, ºF	74

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
80631 (14AR)	1 oz. tube, carded
80632 (14H)	4 oz. can
80633 (14D)	16 oz. can

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° and 28°C (46° and 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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