

## Fluoro Chemical

### PF-002 High Temperature Lubricating Vacuum Grease

#### DESCRIPTION

PF-002 is a high performance lubricant and sealant which can be used with confidence in extreme environments, ultra-high vacuum conditions and in the presence of gaseous and liquid oxygen at elevated temperatures.

#### TYPE

Perfluoropolyether (PFPE)

#### KEY

#### FEATURES

- **Robust**-Chemical inertness and oxidation stability make PF-002 ideal under the most extreme operating conditions.
- **Safe & Reliable**-Non-toxic, nonflammable and maintains lubricity and thermal stability up to 250°C.
- **Extends Service Life**-Branched PFPE structure and double-density provides film-forming and superior load-carrying capability.
- **Versatile**-Used in a wide range of applications including bearings, valves, gears, threads, O-rings and seals.

#### TYPICAL

#### PROPERTIES

<b>Appearance</b>	Colorless clear liquid
<b>Surface tension (dyne/cm)</b>	19.35
<b>Density (g/cm<sup>3</sup>)</b>	1.95
<b>Thermal decomposition (°C)</b>	420
<b>Boiling point (°C)</b>	-36
<b>Viscosity (mm<sup>2</sup>/s, cSt 50°C)</b>	62.8
<b>Molecular weight</b>	3500

#### APPLICATION

- Used in a wide range of applications including bearings, valves, gears, threads, O-rings and seals.

#### STORAGE

#### AND

#### HANDLING

- Available in 25 kg/drum
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 24 months from delivery date
- According to non-dangerous goods transport