

Technical Data Sheet

PR6602

High Consistency Fluorosilicone Valve Grease

PREMIERREPAK

Silicone Sealants • Silicone Compounds • Silicone Greases
Anti-Seize Pastes • Aerosol Lubricants • Silicone Fluids
Contract Packaging • Private Label • Turnkey Packaging

FEATURES

- Provides superior resistance to most chemicals
- Compatible with most gaskets and seal materials
- Resistant to washout by water, fuels, oils and solvents

COMPOSITION

- Fluorosilicone
- Fluorinated polymers

APPLICATIONS

- Pumps
- Solvent & fuel handling equipment
- Chemical Mixers
- Plug valves
- Mechanical seals and packings
- Slow-speed roller and journal bearings
- Moderate-speed ball bearings
- Instruments in high vacuum, high temperatures, or in corrosive environments
- Rotary and reciprocating shaft seals
- Flexible ball joints

PR6602 High Consistency Fluorosilicone Valve Grease is a fluorosilicone based greases thickened with fluorinated polymers. It is designed to seal valves exposed to corrosive solvents, aggressive chemicals, high temperatures or fuels based products. These materials are useful on plug valves as well as Moderate speed ball bearings and flexible ball joints. Performs well in harsh environments where solvents may attack or destroy the lubricant.

TYPICAL PROPERTIES

The values reported on this sheet should not solely be used for preparing specifications on this product. Please contact PremierRepak, Inc. for assistance in preparing a specification.

Property	Test Method	Typical Value
Color	Visual	White
Base Oil		Flourosilicone
Thickener		Flourinated polymers
NLGI Grade		#3
Specific Gravity @25°C		1.5
Bleed (150°C /24hrs)		1.2%
Evaporation, (150°C /24hrs)		1.2%
Penetration, worked x 60	ASTM D 217	270
Dropping Point	ASTM D 2265	>572°F (>300°C)
Water Washout, at 80°C	ASTM D 1264	1.1%
Service Temperature		-31° to 232°C -20° to 450°F

LIMITATIONS

PR6602 is not recommended for use with highly oxidative chemicals such as liquid Cl₂ or liquid O₂. These greases are soluble in ketones such as acetone, methyl ethyl ketone and methyl isobutyl ketone. This product is not tested, nor approved for medical or pharmaceutical uses.

PACKAGING

PR6602 is available in 85g tubes; 550g grease cartridges; 4.5kg pails and 18.1kg pail.

Special packaging and private labeling available upon request.

PREMIERREPAK

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