

# Technical Data Sheet

## PR6604

### High Temperature Silicone Grease

#### FEATURES

- Resistance to oxidation, moisture and corrosive atmospheres
- Good shear stability
- Wide service temperature range -40 to 204°C (-40 to 400°F)

#### COMPOSITION

- Phenylmethyl silicone oil
- Lithium soap

#### APPLICATIONS

- Kiln preheater fans
- Oven fans
- Radiator cooling fans
- Textile Slashers and Dryers
- Aircraft engines
- Conveyor systems

*PR6604 High Temperature Silicone Grease* is formulated with a silicone base oil and lithium soap thickener available in light and medium consistencies. This material was designed to protect metal on metal bearing surfaces. It is an excellent product to lubricate anti-friction bearings in extremely high temperatures.

#### 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.

<u>Property</u>	<u>Test Method</u>	<u>Typical Value</u>
Color	Visual	Off White
Base Oil		Phenyl Silicone
Thickener		Lithium Soap
NLGI Grade	ASTM D 217	#2
Specific Gravity, 25°C	DIN 51 817	1.03
Bleed, 100°C 24h	FTM791 321.3	0.13%
Evaporation, 100°C, 24h	FTM791 321.3	0.20%
Penetration, worked x 60	ASTM D 217	281
Dropping Point	ASTM D 2265	226°C
Service Temperature Range		-40 to 204°C

#### LIMITATIONS

*PR6604* should not be applied to surfaces that are to be painted or used with highly loaded ferrous metal bearing combinations, especially where sliding friction is encountered. When kept in unopened container, it has a shelf life of 60 months from date of manufacture.

#### PACKAGING

*PR6604* is available in 150g tubes; 400g grease cartridges; 3.6kg pails and 18 kg pails.

*Special packaging and private labeling available upon request.*