



255 E. Brown Street, Suite 100, Birmingham, MI, 48009

Phone: 248-433-3500 • Fax: 248-433-1824

Email: [sales@permawick.com](mailto:sales@permawick.com)

<http://www.permawick.com>

PD PWS195PG

Rev. Level 1

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## PWS195PG™

### THERMAL SILICONE GEL FOR SINTERED METAL BEARINGS

#### DESCRIPTION

PERMAWICK PWS GELS are formulated especially for **extremely high temperature** applications. Thermal silicone fluids provide protection against oxidation, corrosion and wear. PERMAWICK PWS195 oil carries greater loads under a wider temperature range than any traditional silicone lubricant. PWS195 also provides excellent chemical compatibility, low flammability and low toxicity.

PERMAWICK PWS195PG provides the ULTIMATE in performance for sintered bearings and is definitely the "INDUSTRY STANDARD" in bearing lubrication.

#### PRODUCT FEATURES

- Extremely high temp applications not tolerated by Esters or PAO's
- Very long life
- Low evaporation
- Shear stable
- Low pour points and high viscosity index indicate excellent low temperature flow properties and therefore continued protection during periods of both low and high temperature operation
- Better anti-wear protection versus traditional Silicones
- Life expectancy at 250°C is 1500 to 2000hrs

Performance Test	Method	Typical
Specific gravity	D1298	1.14
Color	D1500	Colorless to white
Flash pt, °C	D92	280
Ignition temp, °C	D92	484
Pour point, °C	D97	-40
Consistency	D217	2- 3
Viscosity, 25°C, cSt	D445	195
Viscosity, 100°C, cSt	D445	195
Viscosity Index	D2270	230
Four-Ball wear		
75°C, 40Kg, mm (Oil)	D4172	1.8
Dropping point	D566	Without
Density, lbs/gal	Conversion	9.51

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick® Product Data Sheet