

TECHNICAL DATASHEET

Description: **Extruded Silicone (VMQ)**

ASTM D-2000: **M5GE 806 A19 B37 EA14 EO16 EO36 F19 G11**

Service Temperatures: **High Limit: 300° F (149° C)**

Low Limit: -60° F (-51° C)

 ** For use in PLIDCO fittings**

 Limited to 1000 psi applications

Shelf Life: 20 years

Typical Applications:

- Engine & Transmission Oil
- Fire-resistant Hydraulic Oil (HFD)
- Water
- Distilled salt solutions
- Chlorinated Aromatic Hydrocarbons
- Mineral & Vegetable Oil
- Ozone, aging, and weather resistant

Limitations:

- Acids & Alkalis
- Ammonia Gas, Amines, Alkalis
- Low Molecular Weight Chlorinated Hydrocarbons
- Aromatic mineral oil
- Aromatic Hydrocarbons (Toluene, Benzene, etc.)
- Hydrocarbon based fuels
- H₂S

** Contact a PLIDCO representative for detailed chemical compatibility**

Typical Physical Properties:

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| • Shore "A" Durometer | 79 |
| • Tensile Strength (psi) (ASTM D412) | 902 |
| • Ultimate Elongation (%) (ASTM D412) | 127 |
| • Tear Resistance (ATM D624) | 78 |
| • Compression Set (ASTM D395 method "B") | |
| ▪ 22 Hrs. @ 347 F (%) | 16 |

**Requires the use of Deacon® PFPE Grease or Krytox™ GPL 226 Grease in PLIDCO fittings.