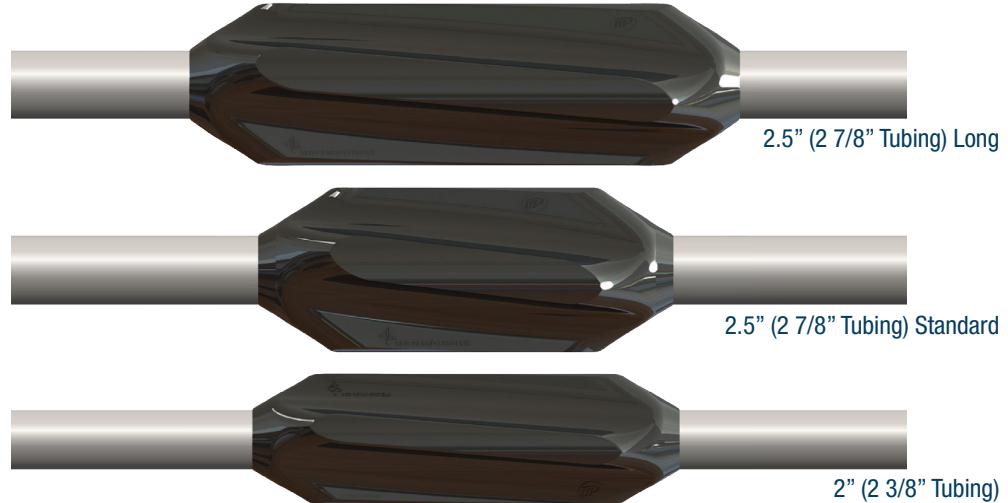


RFG ROD GUIDES

- Featuring MP™ Polymer Technology
 - Thermally, Mechanically and Dimensionally Stable
 - Industry best wear resistance (~5x life of PPA)
 - Industry best +500° F temperature resistance
 - Industry best chemical resistance
- Twisted Vane Guide Design Promotes
 - Longer Fins for Increased Wear Life
 - Movement of Paraffin
 - Distributed Side-Loads
 - Maximum Protection
 - Optimal Fluid Bypass Area
 - Reduced Torque Build-Up with Rod Rotators
- High Impact Resistance
- Low COF (~0.10) for Drag Reduction
- 100% Made in U.S.A.



RFG Rod Guides, featuring MP™ Polymer technology, are changing guide expectations while redefining the value and ROI for well operators and producers. RFG's MP™ Polymer Guides are proven to last longer, work in more challenging environments, and are manufactured with unparalleled quality. In head-to-head field studies involving all guide manufacturers, RFG continues to come out on top, every time. At nearly 5x the life of PPA rod guides, 2.5x the life of PPS rod guides, and better performance than expensive PEEK/PAEK rod guides, RFG MP™ Polymer rod guides provide an incredible value.

ROD GUIDE SIZES AVAILABLE:

2-7/8" Tubing: 3/4", 7/8", 1"

2-3/8" Tubing: 3/4", 7/8"

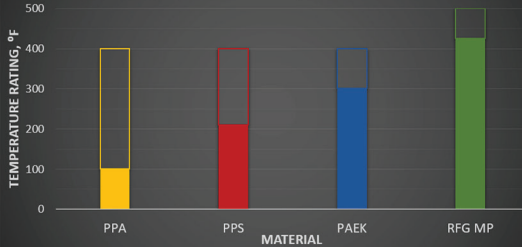
RFG PETRO SYSTEMS, LLC
 INFO@RFGPETROSYSTEMS.COM
 PH: 941.487.7524



POLYMER

Temperature Rating

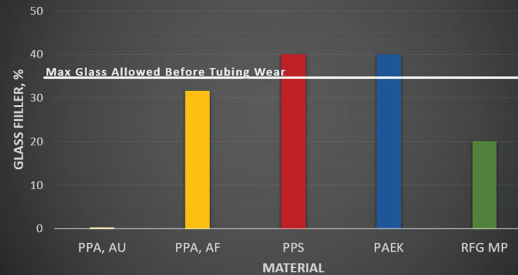
rating v. glass transition temperature of material



Glass Transition Temperature, T_g, is shown at transition of solid bar to transparent. Material degrades at temperatures > T_g

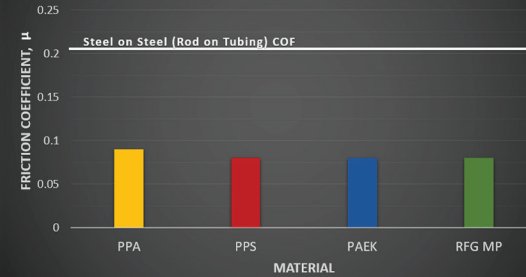
Glass Content

lower is better



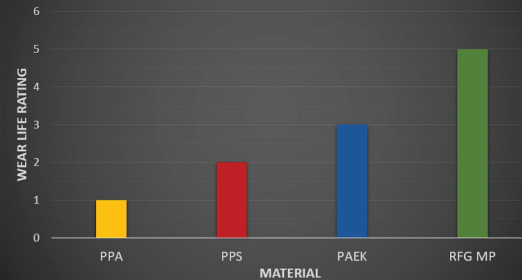
Coefficient of Friction

3rd party lab tested, Mobil 10W-30, 200° F



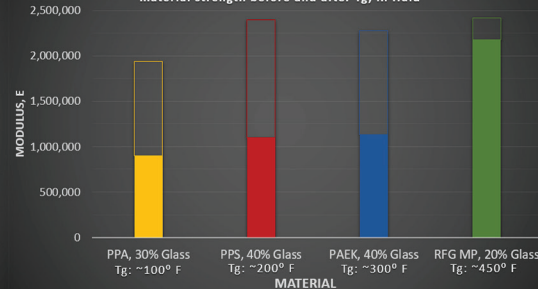
Wear Life Rating

higher is better



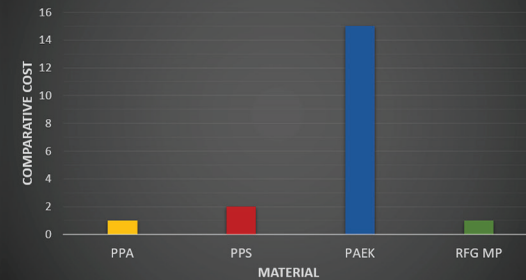
Property Retention Above T_g

material strength before and after T_g, in fluid



Relative Material Cost

lower is more affordable



NOTE:

1. Glass Transition Temperature, T_g, reflects material integrity over the environmental temperature band. Ideally plastic would perform linear in all temperature environments
2. PPA is defined as hygroscopic, it absorbs fluid and its mechanical properties are greatly affected by submersion environments
3. Data is from 3rd party labs, or from resin suppliers, ie: Solvay