



## FP503-

### Oilite<sup>®</sup>/PLUS

#### Flange

PTFE Additive-Reduced Friction  
Synthetic Oilite<sup>®</sup>/Plus-SPD<sup>™</sup>.

Extreme Performance-Unique  
Applications.

Temp Range -60°F to +300°F

#### Dimensions & Tolerances

Nominal ID: 0.375 "  
ID Max: 0.376 "  
ID Min: 0.375 "  
Nominal OD: 0.5625 "  
OD Max: 0.564 "  
OD Min: 0.563 "  
Length: 0.8125 " ±0.005  
Flange OD: 0.74 " ±0.005  
Flange Thickness: 0.0625 " ±0.0025  
Weight: 0.028 lbs / 12.7 g

#### Press Fit

Housing Bore: 0.56161 " ±0.0005  
Shaft Diameter: 0.37171 " ±0.0002

#### Temperature

Max Temp F / C: 300 / 149  
Min Temp F / C: -60 / -51

#### Pressure Ratings

Max P: 2000 (psi)  
Max V: 1200 (sf/m)  
Max PV: 50000 (lb-ft/in<sup>2</sup>-min)  
Calculated P: 0 (psi)  
Calculated V: 0 (sf/m)  
Calculated PV: 0 (lb-ft/in<sup>2</sup>-min)

#### Material Specifications

Lubrication: Self-Lubricating  
Regulations: Lead-Free  
Conflict Free  
RoHS Certified  
Reach Certified  
Engineering Preferences: Conducts Electricity  
Corrosion Resistant  
Specifications Met: **SAE 841**  
**ASTM B-438 GR 1 TYPE 2**  
**CT-1000-K26**