



## PS-0812-04B

### Oilite<sup>®</sup> Polymer Peek

#### Sleeve

Bearing Grade Material, Chemical  
Resistance, High Performance, Low  
Friction, Max PV 25,000

#### Dimensions & Tolerances

Nominal ID: 0.5 "  
ID Max: 0.505 "  
ID Min: 0.504 "  
Nominal OD: 0.75 "  
OD Max: 0.7525 "  
OD Min: 0.7515 "  
Length: 0.5 "  $\pm 0.005$   
Weight: lbs / 0 g

#### Press Fit

Housing Bore: 0.7497 "  $\pm 0.0005$   
Shaft Diameter: 0.49965 "  $\pm 0.0002$

#### Temperature

Max Temp F / C: 500 / 260  
Min Temp F / C: -40 / -40

#### Pressure Ratings

Max P: 4500 (psi)  
Max V: 500 (sf/m)  
Max PV: 25000 (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  
Dry Running  
Regulations: Lead-Free  
Conflict Free  
RoHS Certified  
Reach Certified  
Engineering Preferences: Washdown  
Chemical Resistant  
Corrosion Resistant  
Electrical Insulation  
STEAM

Specifications Met: