oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# PS-0812-08B

## Oilite® 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: | 1 " ±0.005 |
| Weight: | lbs / 0 g |

**Press Fit**

| | |
|---|---|
| Housing Bore: | 0.7497 " ±0.0005 |
| Shaft Diameter: | 0.49965 " ±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$^2$-min) |
| Calculated P: | 0 (psi) |
| Calculated V: | 0 (sf/m) |
| Calculated PV: | 0 (lb-ft/in$^2$-min) |

**Material Specifications**

| | |
|---|---|
| Lubrication: | Self-Lubricating<br>Dry Running |
| Regulations: | Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |
| Engineering Preferences: | Washdown<br>Chemical Resistant<br>Corrosion Resistant<br>Electrical Insulation<br>STEAM |
| Specifications Met: | |

Preferred Supplier -
Beemer Precision, Inc.
All Products Made in the U.S.A
Contact (215) 646-8440
https://oilite.com

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