



## SOF520-05FC

### Super Oilite<sup>®</sup> Food-Contact Flange

Sintered Bronze Impregnated with Food  
Grade Mineral Oil: FDA 21 CRF  
172.878. Specialty Food Application.  
Temp Range -10°F to +220°F

#### Dimensions & Tolerances

Nominal ID: 0.375 "  
ID Max: 0.3765 "  
ID Min: 0.3755 "  
Nominal OD: 0.5 "  
OD Max: 0.502 "  
OD Min: 0.501 "  
Length: 0.5 " ±0.01  
Flange OD: 0.625 " ±0.01  
Flange Thickness: 0.0625 " ±0.005  
Weight: 0.012 lbs / 5.4 g

#### Press Fit

Housing Bore: 0.4994 " ±0.0005  
Shaft Diameter: 0.37172 " ±0.0002

#### Temperature

Max Temp F / C: 220 / 104  
Min Temp F / C: -10 / -23

#### Pressure Ratings

Max P: 4000 (psi)  
Max V: 225 (sf/m)  
Max PV: 35000 (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: USDA-H1 Certified  
Food Contact Certified  
Lead-Free  
Conflict Free  
RoHS Certified  
Reach Certified  
Engineering Preferences: Conducts Electricity  
Specifications Met: SAE 863  
ASTM B-439 GR 4  
FC-2000-K30