

**DATA SHEET**

	Gold	Platinum
Properties		English
Density	0.0365 lb/in <sup>3</sup>	0.0457 lb/in <sup>3</sup>
Elongation @ Yield	5%	6%
Elongation @ Break	50%	25%
Tensile Strength @ Yield	6670 psi	7820 psi
Melting Point	352°F	540°F
Coefficient of friction	0.15	0.20
Thermal Conductivity Coefficient	0.25 W/(m*K)	0.30 W/(m*K)
Water Absorption at Saturation	1.50%	0.04%
Weight	0.042 lb/ft	0.048 lb/ft
	0.058 lb/ft	0.071 lb/ft
	0.103 lb/ft	0.119 lb/ft
	0.220 lb/ft	0.250 lb/ft

OD (in)	ID (in)	wall (in)	Burst calculator (psi)	
0.375	0.173	0.101	5765	Gold
0.375	0.150	0.113	5717	Platinum
0.500	0.290	0.105	4157	Gold
0.500	0.263	0.112	4144	Platinum
0.625	0.337	0.144	4682	Gold
0.625	0.300	0.163	4687	Platinum
1.000	0.648	0.176	3341	Gold
1.000	0.600	0.200	3335	Platinum

Notes  
 1 Data shown is typical, and should not be construed as limiting or necessarily suitable for design. Actual data may vary from those shown herein.

