

SPIR STAR[®]

Medium & High Pressure Tubing

- **316 Seamless Stainless Steel**
- **Up to 60,000 psi Working Pressure**
- **Outer Diameter Up to One Inch**
- **Custom Lengths Up to Twenty-Three Feet**
- **In-House Coning and Threading**
- **Extensive On-Hand Inventory**



High Pressure Tubing



Specialists in High Pressure

Tubing Specifications

Medium Pressure Tubing								
Part Number	Connection Type	MAWP	Outside Diameter		Inside Diameter		Wall Thickness	
			inch	mm	inch	mm	inch	mm
HMM4-TUBING-20K	1/4" Medium Pressure (HMM4)	20,000	0.2500	6.35	0.109	2.77	0.070	1.78
HMM6-TUBING-20K	3/8" Medium Pressure (HMM6)	20,000	0.3750	9.53	0.203	5.16	0.086	2.18
HMM9-TUBING-20K	9/16" Medium Pressure (HMM9)	20,000	0.5625	14.29	0.312	7.92	0.125	3.18
HMM12-TUBING-20K	3/4" Medium Pressure (HMM12)	20,000	0.7500	19.05	0.438	11.13	0.156	3.96
HMM16-TUBING-20K	1" Medium Pressure (HMM16)	20,000	1.0000	25.40	0.562	14.27	0.219	5.56

High Pressure Tubing								
Part Number	Connection Type	MAWP	Outside Diameter		Inside Diameter		Wall Thickness	
			inch	mm	inch	mm	inch	mm
HHM4-TUBING-60K	1/4" High Pressure (HHM4)	60,000	0.2500	6.35	0.083	2.11	0.083	2.11
HHM6-TUBING-60K	3/8" High Pressure (HHM6)	60,000	0.3750	9.53	0.125	3.18	0.125	3.18
HHM9-TUBING-60K	9/16" High Pressure (HHM9)	60,000	0.5625	14.29	0.188	4.78	0.187	4.75

Material Properties	
Type	Description
Country of Origin	U.S.A. / Italy
Material Grades Available	A213/269 TP316/316L
Yield Strength (Rp 0.2)	min. 600 N/mm ²
Tensile Strength	min. 700 N/mm ²
Elongation	min. 18%
Surface Quality	Standard surface quality is free from laps, flaws and fissures deeper than 0.1mm per cross section.
Bore Surface Finish	min. 100 RMS = 2.3 Ra μm = 92 AARH
Lengths	Standard lengths are between 20ft/6m and 23ft/7m. Other random lengths and defined cut lengths can be provided upon request.
Certificates	All standard testing performed is compiled in a mill test certificate 3.1 according to EN 10240. Additional test certificates such as Nace MR 01/75 or 3.2 according to EN 10204 are available upon request.
Standard Nondestructive Testing	Eddy current ASTM A450/E426
Special Testing (upon request)	ASTM A262 intergranular attack Fatigue strength by ID pressure Burst pressure test Dynamic load test under defined working conditions

10002 Sam Houston Center Drive | Houston, TX 77064
 Phone: 281-664-7800 | Fax: 281-664-7850 | Toll Free: 800-890-7827

sales@spirstar.com | www.spirstar.com



Certificate No. 5946 © Copyright 2018



Certificate No. OH 1389