

Tubing

- ❖ Hikelok 20 series medium pressure tubing is manufactured specifically for high pressure applications
- ❖ 316 stainless steel and alloy 825 materials



T-Tube O.D. in.	Tx-Tube I.D. in.	Material	Basic Ordering Number	Tolerance O.D. in. (mm)
1/4	0.109	316	FT-4-0.019-6M-	0.248/0.243 (6.30/6.17)
3/8	0.203	316	FT-6-0.203-6M-	0.370/0.365 (9.40/9.27)
9/16	0.312	316	FT-9-0.312-6M-	0.557/0.552 (14.15/14.02)
3/4	0.438	316	FT-12-0.438-6M-	0.745/0.740 (18.92/18.80)
1	0.562	316	FT-16-0.562-6M-	0.995/0.990 (25.27/25.14)

Working Pressure

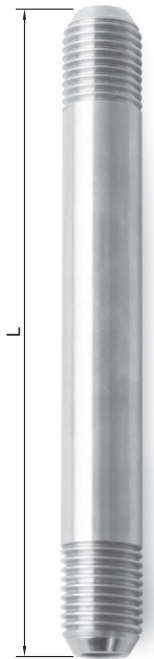
Tube O.D. in.	Working Pressure, psig (bar)				
	-423 to 100°F (-252 to 37.8°C)	200°F (93°C)	400°F (204°C)	600°F (316°C)	800°F (427°C)
1/4	20,000 (1379)	20,000 (1379)	19,250 (1327)	18,050 (1244)	16,800 (1158)
3/8	20,000 (1379)	20,000 (1379)	19,250 (1327)	18,050 (1244)	16,800 (1158)
9/16	20,000 (1379)	20,000 (1379)	19,250 (1327)	18,050 (1244)	16,800 (1158)
3/4	20,000 (1379)	20,000 (1379)	19,250 (1327)	18,050 (1244)	16,800 (1158)
1	20,000 (1379)	20,000 (1379)	19,250 (1327)	18,050 (1244)	16,800 (1158)

Ordering Information

- ❖ To order Hikelok 20 series medium pressure tubing, add the material designator (316 or A825) to the basic ordering number

Coned and Threaded Nipples

❖ Hikelok supplies precut, coned-and-threaded nipples in various sizes and lengths for 20 series medium pressure valves and fittings



T-Tube O.D. in.	Tx-Tube I.D. in.	Basic Ordering Number	L in. (mm)
1/4	0.109	NIP-MPF4-2.75-	2.75 (69.9)
1/4	0.109	NIP-MPF4-3-	3 (76.2)
1/4	0.109	NIP-MPF4-4-	4 (101.6)
1/4	0.109	NIP-MPF4-6-	6 (152.4)
1/4	0.109	NIP-MPF4-8-	8 (203.2)
1/4	0.109	NIP-MPF4-10-	10 (254.0)
1/4	0.109	NIP-MPF4-12-	12 (304.8)
3/8	0.203	NIP-MPF6-3-	3 (76.2)
3/8	0.203	NIP-MPF6-4-	4 (101.6)
3/8	0.203	NIP-MPF6-6-	6 (152.4)
3/8	0.203	NIP-MPF6-8-	8 (203.2)
3/8	0.203	NIP-MPF6-10-	10 (254.0)
3/8	0.203	NIP-MPF6-12-	12 (304.8)
9/16	0.312	NIP-MPF9-4-	4 (101.6)
9/16	0.312	NIP-MPF9-6-	6 (152.4)
9/16	0.312	NIP-MPF9-8-	8 (203.2)
9/16	0.312	NIP-MPF9-10-	10 (254.0)
9/16	0.312	NIP-MPF9-12-	12 (304.8)
3/4	0.438	NIP-MPF12-4-	4 (101.6)
3/4	0.438	NIP-MPF12-6-	6 (152.4)
3/4	0.438	NIP-MPF12-8-	8 (203.2)
3/4	0.438	NIP-MPF12-10-	10 (254.0)
3/4	0.438	NIP-MPF12-12-	12 (304.8)
1	0.562	NIP-MPF16-6-	6 (152.4)
1	0.562	NIP-MPF16-8-	8 (203.2)
1	0.562	NIP-MPF16-10-	10 (254.0)
1	0.562	NIP-MPF16-12-	12 (304.8)

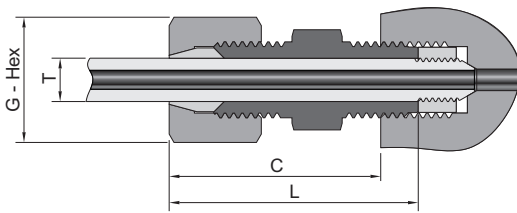
Ordering Information

❖ To order Hikelok 20 series medium pressure nipples, add the material designator (316 or A825) to the basic ordering number

Anti-Vibration Collet Gland Assemblies

- ❖ Anti-vibration collet gland assembly sizes from 1/4 to 1 in. (6.35 to 25.4 mm)
- ❖ Completely interchangeable with standard Hikelok 20 series medium pressure connections
- ❖ Moving the stress concentration back to the unthreaded part of the tubing and providing a wedge-type gripping action
- ❖ Anti-vibration collet gland assembly strengthens the entire structure

Typical 20 Series Anti-Vibration Collet Gland Assemblies



Dimensions

T-Tube O.D. in.	Basic Ordering Number	Dimensions, in. (mm)		
		L	C	G
1/4	AVA-MPF4-	1.19 (30.2)	0.94 (23.8)	0.63 (15.9)
3/8	AVA-MPF6-	1.50 (38.1)	1.19 (30.2)	0.81 (20.6)
9/16	AVA-MPF9-	1.78 (45.2)	1.41 (35.8)	0.94 (23.8)
3/4	AVA-MPF12-	2.00 (50.8)	1.59 (40.4)	1.25 (31.8)
1	AVA-MPF16-	2.38 (60.5)	1.69 (42.9)	1.50 (38.1)

Ordering Information

- ❖ To order Hikelok 20 series anti-vibration collet gland assembly, add the material designator (316 or A825) to the basic ordering number