

Tube Specifications

Standards:

- ASTM A-269 / A270-S2
- ASME BPE

Surface Finish:

Surface finish specifications are the same for fittings & tubes.
Please refer to table SF-2.4-1 page 5.

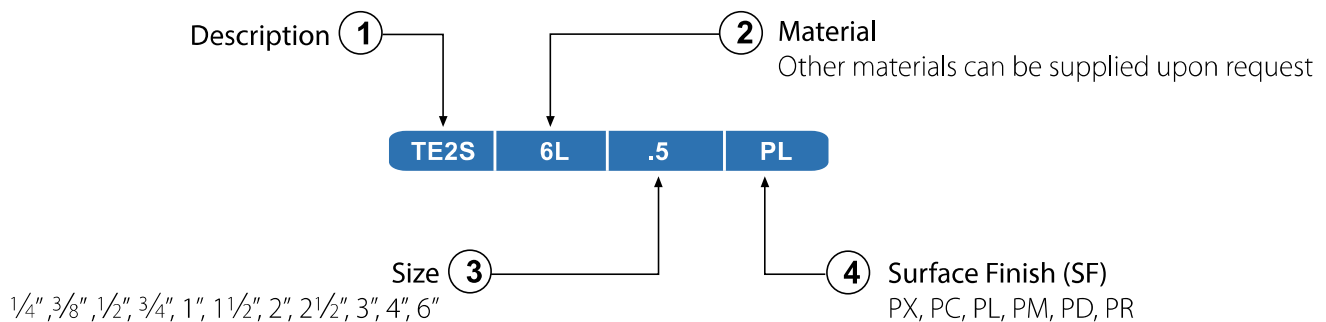


Tubing Dimensional Tolerances: Tubing specifications, ASTM A-269/A270-S2

Tubing Diameter		Wall Thickness		OD Tolerance Length (ASTM Spec.)		Length (ASTM Spec.)		Wall Thickness Tolerance
inch	mm.	inch	mm.	inch	mm.	inch	mm.	ASTM Spec.
1/4"	6.35	0.035	0.89	+/- 0.005	+/- 0.127	0.125	3.175	+/- 10%
3/8"	9.53	0.035	0.89	+/- 0.005	+/- 0.128	0.125	3.175	+/- 10%
1/2"	12.70	0.065	1.65	+/- 0.005	+/- 0.129	0.125	3.175	+/- 10%
3/4"	19.05	0.065	1.65	+/- 0.005	+/- 0.130	0.125	3.175	+/- 10%
1"	25.40	0.065	1.65	+/- 0.005	+/- 0.131	0.125	3.175	+/- 10%
1 1/2"	38.10	0.065	1.65	+/- 0.008	+/- 0.203	0.125	3.175	+/- 10%
2"	50.80	0.065	1.65	+/- 0.008	+/- 0.204	0.125	3.175	+/- 10%
2 1/2"	63.50	0.065	1.65	+/- 0.010	+/- 0.254	0.125	3.175	+/- 10%
3"	76.20	0.065	1.65	+/- 0.015	+/- 0.381	0.125	3.175	+/- 10%
4"	101.60	0.083	2.11	+/- 0.015	+/- 0.381	0.188	4.763	+/- 10%
6"	152.40	0.109	2.77	+/- 0.030	+/- 0.762	0.188	4.763	+/- 10%

Ordering Information

To specify the part completely, start with the product description and select the additional options as shown below:



90° weld ends elbow, 1/2" size, PL surface finish.