

TEFLON TUBE

NITTA MOORE

TP Tube



Features

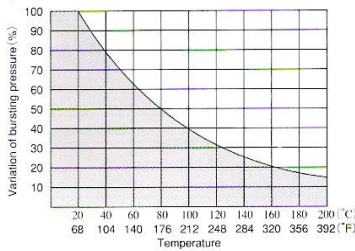
- As compared to the fluorocarbon PTFE (Poly-tetra fluoroethylene) the inner surface is much smoother, dramatically reducing particulate and fungal adhesion.
- Excellent chemical resistance permits TP tube use with virtually almost all fluid.
- TP tube transparency permits confirmation of liquid contents.

APPLICATION : Clean air, Chemicals and gasses
 MATERIAL : Fluorocarbon FEP (Tetra-fluoroethylene hexa-fluoro-propylene copolymer)

COLOR : Semi-transparent
 TEMPERATURE RANGE : -65°C ~ 200°C (-85°F ~ 392°F) for air
 0°C ~ 150°C (32°F ~ 302°F) for water

STANDARD LENGTH : 20M ,100M
 ▲Consult with the factory when using for water application.

Fitting Requirement : Quick Seal Fittings(insert type),
 Chemifit C1 series



- Working pressure should be less than 1 / 4 of the bursting pressure. The bursting pressure varies depending on the temperature and should be determined referring to the graph of the relation between the tube working temperature and bursting pressure.

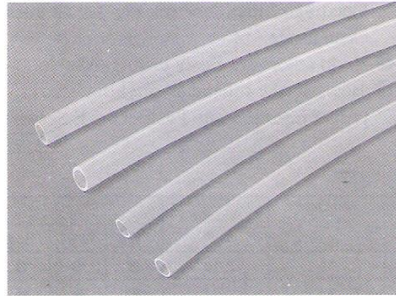
Specifications (Metric)

Part No.	O.D. (mm)	I.D. (mm)	Wall (mm)	Min.Burst Pressure MPa (PSI) (at 20°C, 68°F)	Working Pressure MPa (PSI) (at 20°C, 68°F)	Min.Bend Radius (mm)	Standard Length (m)	Weight (g/m)	
TP-4-4×2	4	2	1.0	10.0 (1422)	2.5 (356)	15	20	100	20
TP-4-4×2.5	4	2.5	0.75	7.0 (996)	1.7 (242)	30	20	100	17
TP-4-6×4	6	4	1.0	6.5 (924)	1.6 (228)	25	20	100	34
TP-4-8×6	8	6	1.0	4.5 (640)	1.1 (156)	40	20	100	47
TP-4-10×8	10	8	1.0	3.5 (498)	0.8 (114)	60	20	100	61
TP-4-12×9	12	9	1.5	4.5 (640)	1.1 (156)	60	20	100	106
TP-4-12×10	12	10	1.0	3.0 (427)	0.7 (100)	90	20	100	74
TP-4-21×18	21	18	1.5	2.4 (341)	0.6 (85)	500	20	—	200

Specifications (Inch)

Part No.	O.D. (mm)	I.D. (mm)	Wall (mm)	Min.Burst Pressure MPa (PSI) (at 20°C, 68°F)	Working Pressure MPa (PSI) (at 20°C, 68°F)	Min.Bend Radius (mm)	Standard Length (m)	Weight (g/m)	
TP-1-3/16	4.76	3.48	0.64	4.5 (640)	1.1 (156)	20	20	100	18
TP-1-1/4	6.35	4.57	0.89	4.5 (640)	1.1 (156)	30	20	100	33
TP-1-5/16	7.94	5.90	1.02	4.5 (640)	1.1 (156)	40	20	100	48
TP-1-3/8	9.53	6.99	1.27	4.5 (640)	1.1 (156)	50	20	100	71
TP-1-1/2	12.70	9.56	1.57	4.5 (640)	1.1 (156)	60	20	100	118

TA Tube



Features

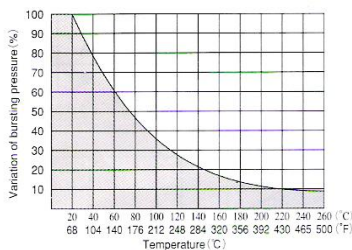
- As compared to the fluorocarbon PTFE (Poly-tetra fluoroethylene) the inner surface is much smoother, dramatically reducing particulate and fungal adhesion.
- Excellent chemical resistance permits TA tube use with virtually almost all fluid.
- TA tube transparency permits confirmation of liquid contents.
- TA tube can be used with high - temperature (maximum : 260°C, 500°F)

APPLICATION : Clean air, Chemicals and gasses
 MATERIAL : Fluorocarbon PFA (Tetra-fluoroethylene, perfluoro-alkyl-vinylether copolymer)

COLOR : Semi-transparent
 TEMPERATURE RANGE : -65°C ~ 260°C (-85°F ~ 500°F) for air
 0°C ~ 150°C (32°F ~ 302°F) for water

STANDARD LENGTH : 20M ,100M
 ▲Consult with the factory when using for water application.

Fitting Requirement : Quick Seal Fittings(insert type),
 Chemifit C1 series



- Working pressure should be less than 1 / 4 of the bursting pressure. The bursting pressure varies depending on the temperature and should be determined referring to the graph of the relation between the tube working temperature and bursting pressure.

Specifications (Metric)

Part No.	O.D. (mm)	I.D. (mm)	Wall (mm)	Min.Burst Pressure MPa (PSI) (at 20°C, 68°F)	Working Pressure MPa (PSI) (at 20°C, 68°F)	Min.Bend Radius (mm)	Standard Length (m)	Weight (g/m)	
TA-4-3×2	3	2	0.5	6.0 (853)	1.5 (213)	20	20	100	8.5
TA-4-4×2	4	2	1.0	10.0 (1422)	2.5 (355)	25	20	100	20
TA-4-4×3	4	3	0.5	4.0 (569)	1.0 (142)	30	20	100	12
TA-4-6×4	6	4	1.0	6.5 (924)	1.6 (228)	30	20	100	34
TA-4-8×6	8	6	1.0	4.5 (640)	1.1 (156)	50	20	100	47
TA-4-10×8	10	8	1.0	3.5 (498)	0.8 (113)	70	20	100	61
TA-4-12×9	12	9	1.5	4.5 (640)	1.1 (156)	70	20	100	106
TA-4-12×10	12	10	1.0	3.0 (427)	0.7 (100)	100	20	100	74
TA-4-14×12	14	12	1.0	2.4 (341)	0.6 (85)	150	20	100	89
TA-4-17×14	17	14	1.5	2.8 (398)	0.7 (100)	300	20	—	159
TA-4-19×16	19	16	1.5	2.4 (341)	0.6 (85)	400	20	—	179
TA-4-24×20	24	20	2.0	2.4 (341)	0.6 (85)	500	20	—	300
TA-4-25×22	25	22	1.5	2.0 (284)	0.5 (71)	600	20	—	240

Specifications (Inch)

Part No.	O.D. (mm)	I.D. (mm)	Wall (mm)	Min.Burst Pressure MPa (PSI) (at 20°C, 68°F)	Working Pressure MPa (PSI) (at 20°C, 68°F)	Min.Bend Radius (mm)	Standard Length (m)	Weight (g/m)	
TA-1-6.35×3.96	6.35	3.96	1.20	7.0 (996)	1.7 (242)	45	20	100	42
TA-1-9.53×6.35	9.53	6.35	1.59	6.0 (853)	1.5 (213)	60	20	100	86
TA-1-12.7×9.53	12.70	9.53	1.59	4.5 (640)	1.1 (156)	90	20	100	120
TA-1-19.1×15.9	19.10	15.90	1.59	2.4 (341)	0.6 (85)	400	20	—	186