

PTFE Tubing

Series 101, 201: Fractional & Metric

Best chemical and corrosion resistance available.



Features

- Virgin Polytetrafluoroethylene resin
- Chemically inert
- Lowest coefficient of friction
- Superior dielectric strength
- Exceptional heat resistance
- Self extinguishing
- Non-wetting
- Excellent flexlife
- Laser markable

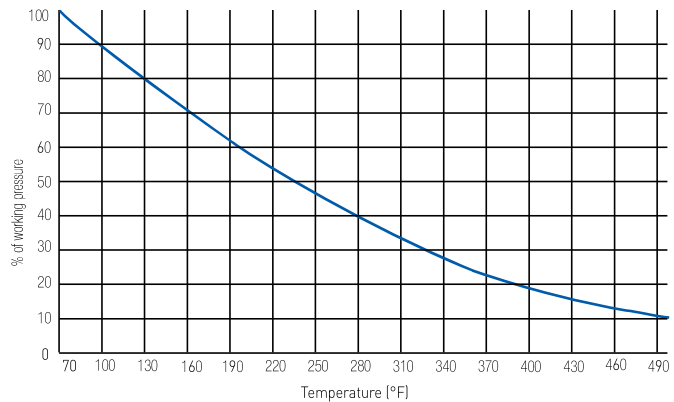
Compliance

- 21 CFR 177.1550 compliant
- USP Class VI compliant
- UL 94 V-0 compliant

Notes

- Working Temperature: -100°F (-73°C) to 500°F (260°C)
- Vacuum Rating 28 @ 73°F
- Working pressure calculated using a Design Factor of 4

PTFE Tubing (Series 101, 201)
Maximum Working Pressure (psi)



Fittings

Parker Fittings available from:
Fluid System Connectors Division
Otsego, MI

(269) 692-6555
(269) 692-6634 FAX
parker.com/fsc

For approved fittings and/or suggested use of tube supports, reference Tube/Fitting Compatibility Chart (pg. B-8/B-9) or contact Parker Fluid Systems Connectors Division

Order Information

Example: 101-0188062-0TC-100

- 101-0188062-0TC-100 – PTFE
- 101-0188062-0TC-100 – Tube O.D. in inches (3/16")
- 101-0188062-0TC-100 – Tube Wall Thickness in inches (.062")
- 101-0188062-0TC-100 – Black
- 101-0188062-0TC-100 – Bulk Tubing
- 101-0188062-0TC-100 – Solid Color Tube
- 101-0188062-0TC-100 – Package Quantity in feet (100')



WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

PTFE Tubing

Series 101

Series 101 - PTFE Fractional Industrial Wall Tubing

Part Number	Order Size	Nominal O.D.		Nominal I.D.		Reference Wall Thickness		Working Pressure 73°F (23°C)		Minimum Burst Pressure		Minimum Bend Radius		Vac. Rating	Weight	
		inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm		lb./ft.	kg/mt
101-0094031	3/32	0.094	2.40	0.031	0.79	0.031	0.79	390	27	1560	108	1/2	13	28	0.006	0.009
101-0125031	1/8	0.125	3.18	0.063	1.57	0.031	0.79	290	20	1160	80	1/2	13	28	0.009	0.013
101-0156031	5/32	0.156	3.99	0.094	2.39	0.031	0.79	220	15	880	61	5/8	16	28	0.011	0.016
101-0188031	3/16	0.188	4.78	0.125	3.18	0.031	0.79	180	12	720	50	3/4	19	28	0.014	0.021
101-0250031	1/4	0.250	6.35	0.190	4.83	0.031	0.79	130	9	520	36	1	25	28	0.020	0.030
101-0312031	5/16	0.312	7.92	0.250	6.35	0.031	0.79	100	7	400	28	2-1/4	57	28	0.026	0.039
101-0375031	3/8	0.375	9.52	0.312	7.92	0.031	0.79	80	6	320	22	2-3/4	70	28	0.032	0.048
101-0438031	7/16	0.438	11.13	0.375	9.52	0.031	0.79	70	5	280	19	4	102	28	0.037	0.055
101-0500031	1/2	0.500	12.70	0.438	11.13	0.031	0.79	60	4	240	17	4	102	28	0.043	0.064
101-0563031	9/16	0.563	14.30	0.500	12.70	0.031	0.79	55	4	220	15	5	127	28	0.049	0.073
101-0625031	5/8	0.625	15.88	0.563	14.30	0.031	0.79	50	3	200	14	5-1/2	140	28	0.054	0.080
101-0688031	11/16	0.688	17.48	0.625	15.88	0.031	0.79	45	3	180	12	6-1/4	159	28	0.060	0.089
101-0750032	3/4	0.750	19.05	0.688	17.48	0.032	0.81	40	3	160	11	6-1/2	165	28	0.068	0.101
101-0830040	0.830	0.830	21.08	0.750	19.05	0.040	1.02	45	3	180	12	8	203	28	0.093	0.138
101-0965045	0.965	0.965	24.51	0.875	22.22	0.045	1.14	45	3	180	12	12	305	28	0.122	0.182
101-1100050	1.100	1.100	27.94	1.000	25.40	0.050	1.27	40	3	160	11	18	457	28	0.155	0.231

Series 101 - PTFE Fractional Heavy Wall Tubing

101-0188062	3/16	.188	4.78	0.063	1.57	0.062	1.57	390	27	1560	108	1/4	6	28	0.023	0.034
101-0250047	1/4	.250	6.35	0.157	3.99	0.047	1.19	210	14	840	58	5/8	16	28	0.028	0.042
101-0250062	1/4	.250	6.35	0.125	3.18	0.062	1.57	290	20	1160	80	1/2	13	28	0.034	0.051
101-0312062	5/16	.312	7.92	0.188	4.76	0.062	1.57	222	15	888	61	7/8	22	28	0.046	0.068
101-0375062	3/8	.375	9.52	0.250	6.35	0.062	1.57	180	12	720	50	1	25	28	0.057	0.085
101-0438062	7/16	.438	11.13	0.312	7.92	0.062	1.57	150	10	600	41	2-1/4	57	28	0.069	0.103
101-0500062	1/2	.500	12.70	0.375	9.52	0.062	1.57	130	9	520	36	2-1/4	57	28	0.080	0.119
101-0563062	9/16	.563	14.30	0.437	11.13	0.062	1.57	110	8	440	30	2-3/4	70	28	0.092	0.137
101-0625062	5/8	.625	15.88	0.500	12.70	0.062	1.57	100	7	400	28	3	76	28	0.103	0.153
101-0688062	11/16	.688	17.48	0.563	14.30	0.062	1.57	90	6	360	25	5	127	28	0.115	0.171
101-0750062	3/4	.750	19.05	0.625	15.88	0.062	1.57	80	6	320	22	6	152	28	0.126	0.188
101-0875062	7/8	.875	22.22	0.750	19.05	0.062	1.57	70	5	280	19	7-1/4	184	28	0.149	0.222
101-1000062	1	1.000	25.40	0.875	22.22	0.062	1.57	100	6.9	400	28	8	203	28	0.172	0.256

Colors

- Standard is natural
- Colors available as custom run

Color Code			Color Code		
○	N	Natural	●	5	Green
●	0	Black	●	6	Blue
●	1	Brown	●	7	Violet
●	2	Red	●	8	Gray
●	3	Orange	○	9	White
●	4	Yellow			



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