BOLA PTFE Tubing

BESTSELLER

Material:	Temperature resistance:	Chemical resistance:
PTFE	**from -200°C to +250°C**	**+++ universal**

FDA conform

Product description:

Translucent to milky-white appearance

Product advantages:

» almost universal chemical resistance
» free from extractable agents
» physiologically safe
» non-adhesive surface
» very good sliding characteristics
» very good dielectric characteristics
» flame retardant according to UL94V0
» oxygen value more than 95
» resistant to irradiation and weather
» can be sterilized in autoclaves

SUITABLE: page **110**
Fittings, Screw Joints, Stopcocks, Valves

I.D. mm	O.D. mm	Wall thickness mm	Bending radius[1] mm	Burst pressure[2] bar	Cat. No.:
0,2	(1/16") 1,6	0,70	6	960	**S 1810-01**
0,2	0,4	0,10	2	960	**S 1810-02**
0,3	0,6	0,15	3	140	**S 1810-04**
0,3	(1/16") 1,6	0,65	4	606	**S 1810-05**
0,4	0,9	0,25	3	175	**S 1810-06**
0,5	1,0	0,25	4	140	**S 1810-08**
0,5	(1/16") 1,6	0,55	5	308	**S 1810-09**
(1/32") 0,8	(1/16") 1,6	0,40	7	140	**S 1810-10**
1,0	(1/16") 1,6	0,30	8	84	**S 1810-12**
1,0	2,0	0,50	8	140	**S 1810-14**
1,0	3,0	1,00	9	280	**S 1810-16**
1,2	1,8	0,30	8	70	**S 1810-18**
1,4	2,2	0,40	12	80	**S 1810-19**
1,5	2,1	0,30	14	56	**S 1810-20**
1,5	2,5	0,50	13	93	**S 1810-22**
1,5	3,0	0,75	12	140	**S 1810-23**
1,5	3,5	1,00	12	186	**S 1810-21**
(1/16") 1,6	(1/8") 3,2	0,80	13	140	**S 1810-26**
(1/16") 1,6	2,4	0,40	14	70	**S 1810-24**
1,9	2,5	0,30	20	44	**S 1810-28**
2,0	3,0	0,50	18	70	**S 1810-30**
2,0	4,0	1,00	16	140	**S 1810-32**
2,4	(1/8") 3,2	0,40	25	46	**S 1810-33**
3,0	4,0	0,50	32	46	**S 1810-34**
3,0	5,0	1,00	25	93	**S 1810-36**
3,0	6,0	1,50	24	140	**S 1810-37**
4,0	5,0	0,50	50	35	**S 1810-38**

You will find further tubing diameters in the adjoining chart

I.D. mm	O.D. mm	Wall thickness mm	Bending radius[1] mm	Burst pressure[2] bar	Cat. No.:
Continuation of tubing diameters					
(1/8") 3,175	(1/4") 6,35	1,58	26	140	**S 1810-39**
4,0	6,0	1,00	36	70	**S 1810-40**
(11/64") 4,35	(1/4") 6,35	1,00	40	64	**S 1810-42**
(3/16") 4,78	(1/4") 6,35	0,79	51	46	**S 1810-43**
5,0	6,0	0,50	72	28	**S 1810-44**
5,0	7,0	1,00	49	56	**S 1810-46**
6,0	7,0	0,50	98	23	**S 1810-48**
6,0	8,0	1,00	64	46	**S 1810-50**
7,0	8,0	0,50	128	20	**S 1810-52**
7,0	9,0	1,00	81	40	**S 1810-54**
7,5	10,0	1,25	80	46	**S 1810-56**
8,0	(3/8") 9,52	0,75	120	26	**S 1810-58**
8,0	10,0	1,00	100	35	**S 1810-60**
8,0	11,0	1,50	80	52	**S 1810-61**
8,0	12,0	2,00	72	70	**S 1810-62**
9,0	11,0	1,00	121	31	**S 1810-63**
10,0	12,0	1,00	144	28	**S 1810-64**
10,0	14,0	2,00	98	56	**S 1810-66**
12,0	14,0	1,00	196	23	**S 1810-68**
12,0	16,0	2,00	128	46	**S 1810-70**
13,0	16,0	1,50	170	32	**S 1810-72**
14,0	16,0	1,00	256	20	**S 1810-74**
16,0	18,0	1,00	324	17	**S 1810-78**
18,0	20,0	1,00	400	16	**S 1810-84**
20,0	22,0	1,00	490	14	**S 1810-88**

Applications:

» Perfect tubing for aggressive and pure liquids or gases

HELPFUL: page **130**
Tubing made of static dissipative PTFE-EX

[1] Bending radius: minimum bending radius in mm at a room temperature of 23°C

[2] Burst pressure: computed value in bar at a room temperature of 23°C. It is recommended to restrict the maximum working pressure to 25% of the burst pressure. For higher temperatures, this value has to be multiplied by the reduction factor shown on page 284. It is the user's responsibility to check if the used tubing fulfils the respective requirements.