BOLA **FEP Tubing**

Material:	Temperature resistance:	Chemical resistance:	Transparency:
FEP	**from -200°C to +205°C**	**+++ universal**	**transparent**

FDA conform



Product description:

Transparent, gastight tubing

Product advantages:

» non-porous
» 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



I.D. mm	O.D. mm	Wall thickness mm	Bending radius[1] mm	Burst pressure[2] bar	Cat. No.:
0,8	1,6	0,40	7	112	**S 1815-04**
1,5	3,0	0,75	12	112	**S 1815-05**
1,6	3,2	0,80	13	112	**S 1815-08**
2,0	3,0	0,50	18	56	**S 1815-07**
2,0	4,0	1,00	16	112	**S 1815-12**
3,175	6,35	1,58	26	112	**S 1815-14**
3,6	6,0	1,20	30	75	**S 1815-16**
3,96	6,35	1,20	34	67	**S 1815-24**
4,0	6,0	1,00	36	56	**S 1815-20**
4,35	6,35	1,00	52	51	**S 1815-28**
4,78	6,35	0,79	51	37	**S 1815-30**
5,6	8,0	1,20	53	48	**S 1815-32**
6,0	8,0	1,00	64	37	**S 1815-36**
6,35	9,52	1,59	58	56	**S 1815-40**
6,8	10,0	1,60	63	53	**S 1815-44**
8,0	10,0	1,00	100	28	**S 1815-48**
9,52	12,7	1,59	101	37	**S 1815-56**
10,0	12,0	1,00	144	22	**S 1815-60**
12,0	14,0	1,00	196	19	**S 1815-68**

Applications:

Perfect tubing for aggressive and pure liquids or gases

BOLA **PRACTICAL-TIP**
How can you calculate the maximum bending radius?

Very easy: Squared outer diameter of tubing divided by wall thickness.

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[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 359. It is the user's responsibility to check if the used tubing fulfils the respective requirements.