

EXLON-PFA Tubing data

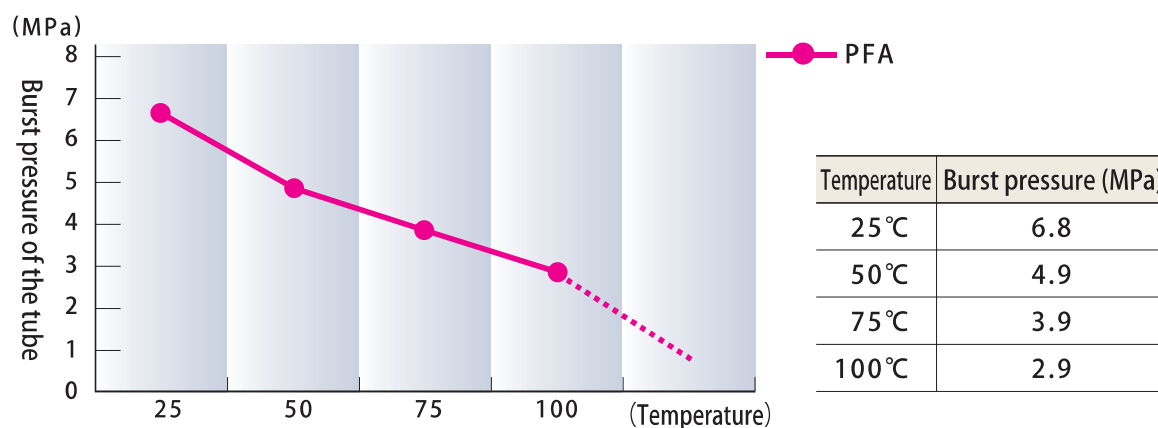
Burst pressure

Size (mm)	Burst pressure (MPa)	Size (mm)	Burst pressure (MPa)	Size (mm)	Burst pressure (MPa)
3 × 2	6.3	9 × 8	1.8	3.17 × 1.59	10.3
4 × 2	10.5	10 × 8	3.5	6.35 × 3.96	7.3
4 × 2.5	7.3	10 × 9	1.6	6.35 × 4.35	5.9
4 × 3	4.5	12 × 9	4.5	9.53 × 6.35	6.3
5 × 4	3.5	12 × 10	2.8	9.53 × 7.53	3.7
6 × 4	6.3	16 × 13	3.3	12.7 × 9.53	4.5
6 × 5	2.9	16 × 14	2.1	12.7 × 10.7	2.7
7 × 6	2.4	18 × 16	1.8	19.05 × 15.88	2.8
8 × 6	4.5	19 × 16	2.7	25.4 × 22.26	1.8
8 × 7	2.1	22 × 20	1.5		

- These data are based on the room temperature at 25°C.
- The burst pressure decreases as the operating temperature increases.
- The recommended designed pressure for actual operation (safety pressure) can be obtained by using the safety factor of 3.5 or more for the above burst pressure.
- These data are representative values and not guaranteed values.

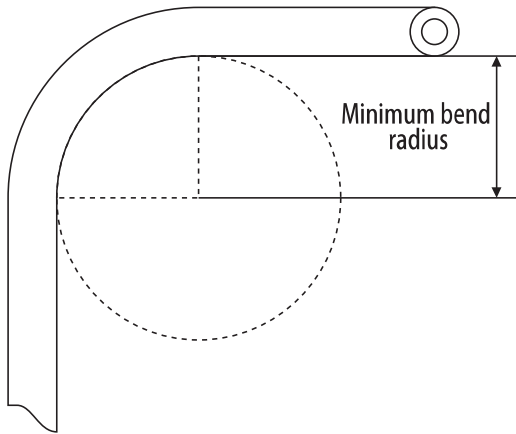
$$\text{Designed pressure for actual operation} = \frac{\text{Burst pressure}}{\text{Safety factor } (\geq 3.5)}$$

Changes in the burst pressure based on temperature (Size 6 ϕ × 4 ϕ)



- The data above are representative values and not guaranteed values.

Minimum bend radius



Size (mm)	Minimum bend radius (mm)
4 × 2	10
6 × 4	20
8 × 6	30
10 × 8	65
12 × 10	90
6.35 × 3.96	15
9.53 × 6.35	50
12.7 × 9.53	75

● The data above are representative values and not guaranteed values.