

# NAFLON™ BT Tubing

NAFLON BT Tubing are a PTFE Tubing with added flexibility and transparency. They bend easily and will not buckle, making them perfect for applications where tubing in tight spaces is required.



## Features

- Bends easily, and will not buckle.
- More transparent than normal PTFE Tubing.

## Specifications

- Maximum service temperature: 260°C
- Maximum usage pressure: Refer to page 22.

## Caution

- Even if there is a different colour tone arising from each production lot, none of which affects the performance of the product.

## NAFLON BT Tubing Room-Temperature Destructive Pressure and Minimum Bend Radius

Inner Diameter × Outer Diameter	Room Temperature Destructive Pressure (MPa)	Minimum Bend Radius [mm]
2× 4	11.8	10
3× 6	11.8	10
5× 8	7.4	25
7×10	5.0	40
9×12	3.9	55
1.59×3.17	11.7	5
3.17×6.35	9.8	10
6.35×9.52	6.0	30
9.52×12.7	4.0	55

Measured by NICHIAS Corporation

※The values given above are intended as representative values, not standard values.

※The minimum bend radius shows 1.2 times larger values than actually measured (calculated) values.

## Standard Dimensions

Nomina diameter	Nominal Dimension (mm)	Outer Diameter (mm)		Wall Thickness (mm)		Length (m)	
	Inner Diameter × Outer Diameter	Standard Dimensions	Allowed Variance	Standard Dimensions	Allowed Variance	Standard Dimensions	Allowed Variance
1/8 B	1.59× 3.17	3.17	±0.10	0.79	±0.10	10 20 30	+5% -0%
1/4 B	3.17× 6.35	6.35		1.59	±0.15		
3/8 B	6.35× 9.52	9.52		1.59			
1/2 B	9.52×12.70	12.70	±0.15	1.59	±0.10  ±0.15	10 20 30	+5% -0%
4 A	2.00× 4.00	4.00	±0.10	1.00			
6 A	3.00× 6.00	6.00		1.50			
8 A	5.00× 8.00	8.00		1.50			
10 A	7.00×10.00	10.00	±0.15	1.50	±0.15	10 20 30	+5% -0%
12 A	9.00×12.00	12.00		1.50			

※Please enquire for information relating to delivery dates and availability.