# TOMBO™ No.9003

# NAFLON™ Tube (PTFE/PFA/FEP)

NAFLON™ Tubes are pure fluoropolymer tubes, and contain no additives such as fillers or plasticizers. Each of the PTFE, PFA, and FEP tubes has exceptional chemical-resistant, heat-resistant, and weather-resistant features.

#### **Features**

- Exceptional anti-adhesive properties prevent most dirtying and scaling.
- Almost no less of electrical properties under high temperature, high humidity, and high frequency conditions, making these tubes excellent electrical insulators.
- Excellent Weather resistance.

## **Applications**

- For highly pure chemicals and pure water
- Protection of wiring

#### **Specifications**

- Maximum usage temperature : 260°C (PTFE/PFA), 200°C (FEP)
- \* Please refer to the below "Maximum Usage Pressure" for the maximum usage pressure.



#### Type

DTEE Tubo

- PTFE tubes can be made in a variety of colors.
- ETFE tubes are available upon request.
- \* There may be slight difference of color tone for PTFE tubes depending on production lot. (There is no quality issue.)
- \* Please ask us for fluoropolymer tubes other than PTFE, PFA or FEP.

### NAFLON™ Tube Room-Temperature Destructive Pressure and Mimimum Bend Radius

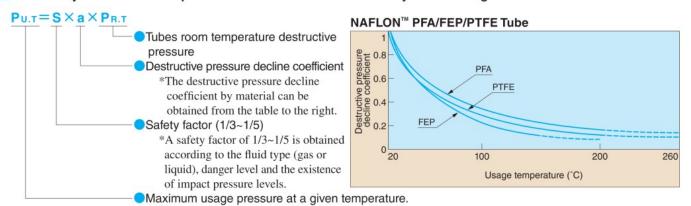
PFA/FEP Tube				
Innner diameter (mm)	Outside diameter (mm)	Room-Temperature Destructive Pressure (Mpa)	Mimimum Bend Radius (mm)	
2	4	8.8	15	
4	6	5.7	25	
6	8	4.1	50	
8	10	3.2	80	
10	12	2.7	130	
20	23	2.0	310	
1.59	3.17	8.8	15	
3.96	6.35	6.5	20	
4.35	6.35	5.3	30	
6.35	9.52	5.7	40	
7.52	9.52	3.4	70	
9.52	12.7	4.1	75	
10.7	12.7	2.5	150	
15.88	19.05	2.6	200	
22.22	25.4	2.0	370	

PIFE lube				
Innner diameter (mm)	Outside diameter (mm)	Room-Temperature Destructive Pressure (Mpa)	Mimimum Bend Radius (mm)	
2	3	5.9	10	
3	4	3.9	15	
4	6	5.9	25	
6	8	3.9	45	
8	10	2.9	70	
10	12	2.4	105	
16	19	2.2	120	
1.59	3.17	11.7	5	
3.17	6.35	11.8	15	
4.35	6.35	5.4	30	
6.35	9.52	6.0	35	
7.52	9.52	3.1	65	
9.52	12.7	3.9	65	
10.7	12.7	2.1	115	
15.88	19.05	2.3	120	

- \* The above values are calculated based on autually measured values and partly calculated values, so not the specification values.
- \* The minimum bend radius shows 1.2 times larger values than actually measured (calculated) values

#### Maximum Usage pressure

■Please only use our tubes at pressures bellow Pu. as determined by the following formula:



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