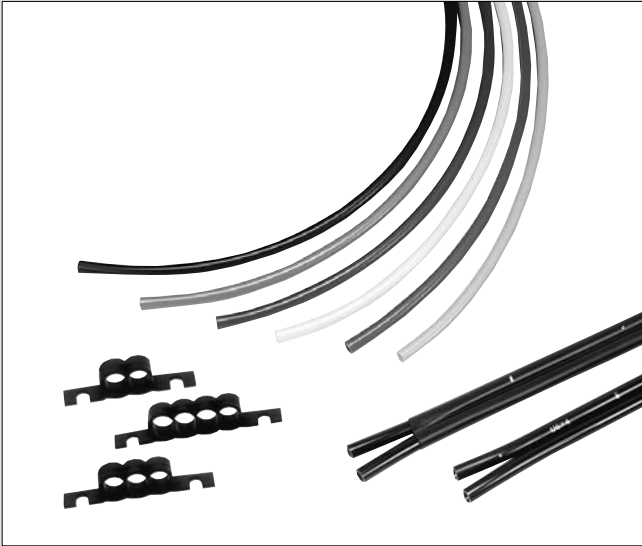


# KOGANEI

## ACCESSORIES GENERAL CATALOG

AIR TREATMENT, AUXILIARY, VACUUM,  
AND FLUORORESIN PRODUCTS

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TUBES

 **Caution** Before use, be sure to read the "Safety Precautions" on p. 49.

# NYLON TUBES

## Nylon Tubes Nylon Tubes for TAC Fittings

### ● Nylon tube

Low water absorption ensures excellent waterproof and dimensional stability.  
Superior wear and bending fatigue resistance.  
Superior cold resistance and weatherproofness.

### ● Nylon tube for TAC fittings

Nylon tube developed specially for TAC fittings brings out the best in nylon tube characteristics.

## Specifications

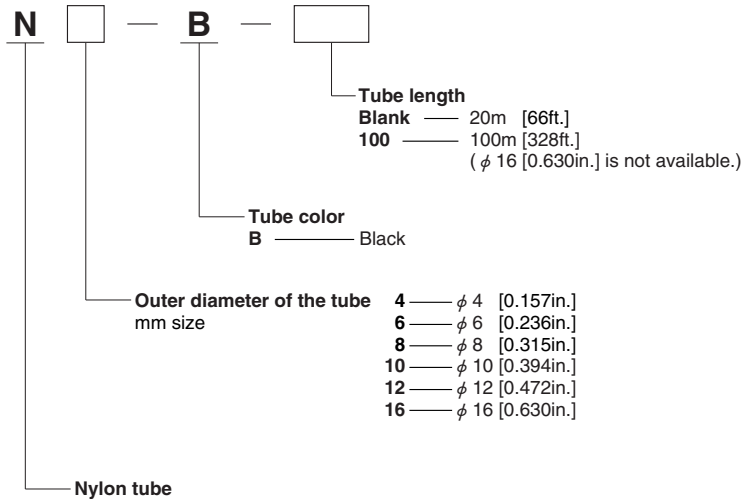
Item	Type	Nylon tube						Nylon tube for TAC fittings		
	Model	N4-B	N6-B	N8-B	N10-B	N12-B	N16-B	N3.2	N5	N6
O.D.×I.D.	mm [in.]	4×2.5 [0.157×0.098]	6×4 [0.236×0.157]	8×6 [0.315×0.236]	10×7.5 [0.394×0.295]	12×9 [0.472×0.354]	16×13 [0.630×0.512]	3.2×2.4 [0.126×0.094]	5×3 [0.197×0.118]	6×4 [0.236×0.157]
Media		Air, vacuum (−99.99~0kPa [−29.54~0in.Hg])						Air, vacuum (−99.99~0kPa [−29.54~0in.Hg])		
Operating temperature range <sup>Note 1</sup>	°C [°F]	−40~70 [−40~158]						0~80 [32~176]		
Materials		Nylon 12						Nylon 12		
Minimum bending radius <sup>Note 2</sup>	mm [in.]	15 [0.59] (20 [(0.79)])	25 [0.98] (30 [1.18])	50 [1.97] (50 [1.97])	60 [2.36] (80 [3.15])	70 [2.76] (150 [5.91])	130 [5.12] (500 [19.7])	13 [0.51]	15 [0.59]	20 [0.79]
Color		Black						White		
Unit mass	g/m [oz./ft.]	8.5 [0.091]	19.5 [0.210]	27.5 [0.296]	42 [0.45]	62 [0.67]	84 [0.90]	3.6 [0.039]	11.7 [0.126]	15 [0.16]
Standard length	m [ft.]	20 or 100 [66 or 328]					20 [66]	20 [66]		
Sales unit		1 roll (20 or 100m [66 or 328ft.])					1 roll (20m [66ft.])	1 roll (20m [66ft.])		

Notes: 1. The operating temperature range shows values for when the tube is in a stationary state. For the operating temperature range in applications where the tube is forced to swing, consult us.

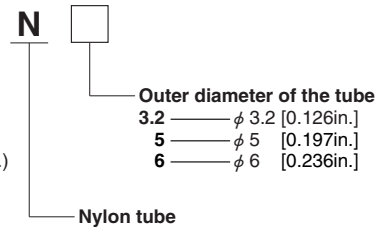
2. When using the nylon tube with a quick fitting, ensure that the minimum bending radius is greater than the value shown in parentheses ( ).

## Order Codes

### ● Nylon tube

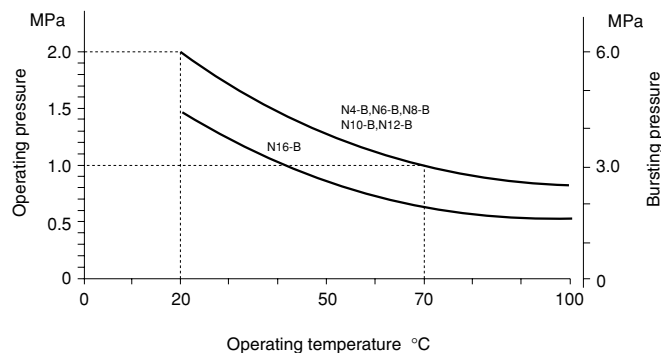


### ● Nylon tube for TAC fittings

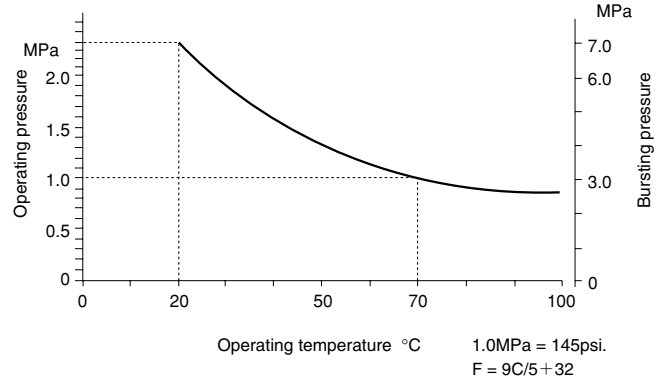


## Operating Temperature and Pressure, and Bursting Pressure

### ● Nylon tube



### ● Nylon tube for TAC fittings



## Handling Instructions and Precautions

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### General precautions

1. Always thoroughly blow off (use compressed air) the tubing before piping. Entering chips, sealing tape, rust, etc., generated during piping work could result in air leaks or other defective operation.
2. Use air for the media. For the use of any other media, consult us.
3. Do not use in atmospheres where the temperature will exceed the operating temperature range.  
Do not use in locations where sparks could occur, because the tube is not fire resistant.
4. The product cannot be used when the media or the ambient atmosphere contains any of the substances listed below.  
Organic solvents, phosphate ester type hydraulic oil, sulphur dioxide, chlorine gas, or acids, etc.