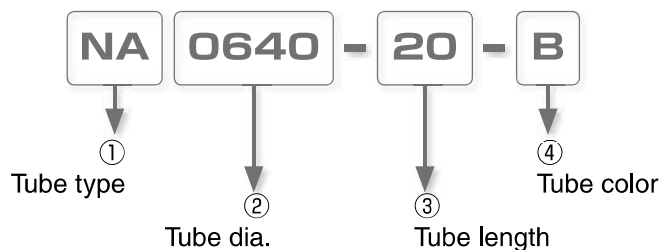


Model Designation (Example)



① Tube type

NA : Nylon Tube

NB : Soft Nylon Tube

② Tube dia. (O.D. x I.D.)

	mm size						inch size				
Code	0425(5/32)	0640	0860(5/16)	1075	1290	1613(5/8)	1/8	3/16	1/4	3/8	1/2
O.D. (mm)	ø4	ø6	ø8	ø10	ø12	ø16	ø3.18	ø4.76	ø6.35	ø9.53	ø12.7
I.D. (mm)	ø2.5	ø4	ø6	ø7.5	ø9	ø13	ø2	ø2.99	ø4.57	ø6.99	ø9.56

※ There is no inch size selection for NB Tube as a standard item.

③ Tube length

Code	20	100
Length(m)	20	100

※ NA1613 (5/8) and NB1613 are available only with 20m length.

④ Tube color

code	B	R	O	YB	Y	G	Bu	CB	W	BR	YG	P
Color	Black	Red	Orange	Ocher	Yellow	Green	Blue	Clear blue	Milky white	Brown	Yellow green	Pink
N A	mm size	○	○	○	○	○	○	○	○			
	inch size	○							○			
NB		○	○	△	△	○	△	○	○	△	△	△

※ Standard colors for inch sized NA Tube 1/8, 3/16, 1/4, 3/8 and 1/2 are Black and Milky white.

※ Standard colors for NB1613 are Black, Blue and Milky white. Other colors are available as a make-to-order product.

※ Color selection with marking △ is available as a make-to-order product. MOQ is 500m.

Make-to-order product

Tube diameter / Length list

Model code		Reel (m / reel)	Bundle (small) (m / reel)	Bundle (large) ※ 2 (m / reel)
mm size	inch size			
NA0425, NB0425	NA1/8, NA5/32, NA3/16	500	500	—
NA0640, NB0640	NA1/4	500	500	—
NA0860, NB0860	NA5/16	200	200	500
NA1075, NB1075	NA3/8	150	150	300
NA1290, NB1290	NA1/2	100	100	300
NA1613, NB1613	NA5/8	50	50	200

※ 1. MOQ of make-to-order tube is 500m.

※ 2. Bundle (large) is packed on a pallet. Contact the nearest sales office for the freight charge.

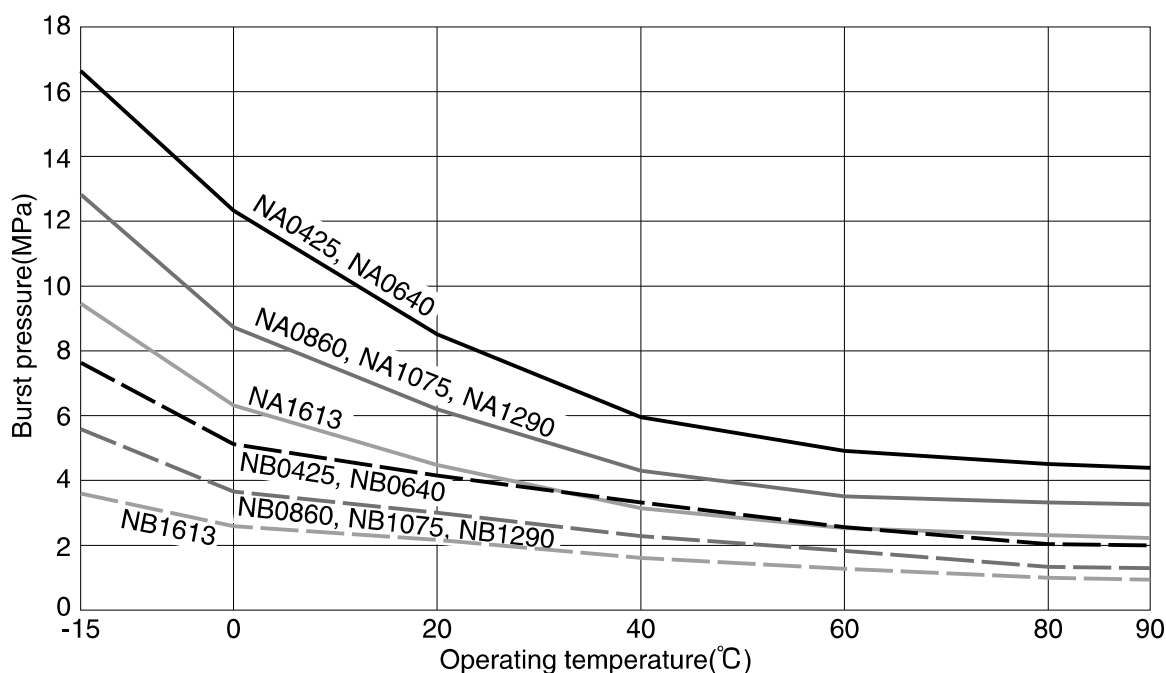
Specifications

Tube type	NA	NB
Fluid medium	Air / Water (※ 1-3)	Air / Water / Thermal oil (※ 1-3)
Max. operating pressure (at 20°C 65%RH)	1.5MPa (※ 4)	1.0MPa (※ 4)
Max. vacuum	-100kPa	
Operating temp. range	-15 ~ 90°C (No freezing)	

⚠ Warning

- ※ 1. Surge pressure must be controlled lower than max. operating pressure when using water (and thermal oil for NB Tube) as a fluid medium.
- ※ 2. Tap water can be used. Consult with PISCO for using other kind of water.
- ※ 3. Be sure to place Insert Ring into the tube edge when Tube is inserted into Push-In Fittings with water (and thermal oil for NB Tube) as a fluid medium.
- ※ 4. The value of max. operating pressure is measured at 20°C and 65%RH. When Tubes are used in different conditions, consider a safety ratio of the pressure with an enough margin referring to Burst Pressure Curve.

Burst Pressure Curve (Reference value)



⚠ Detailed Safety Instructions

Before using PISCO products, be sure to read "Safety Instructions" and "Safety Instruction Manual" on page 23 to 27 and "Common Safety Instructions for Tubes" on page 593 to 594.

Caution

1. Due to the nature of the products, some tube additives contained in Tube material may bleed on the surface of Nylon Tube Series as time elapses.

NA Nylon Tube

RoHS compliant



Model code	Tube O.D. (ømm)	Tube I.D. (ømm)	Tube length (m)	Min. Bending Radius (mm)	Min. Installation Radius (mm)	Weight (g/m)	B Black	R Red	O Orange	YB Ocher	Y Yellow	G Green	Bu Blue	CB Clear blue	W Milky white
NA 0425(5/32)-□-□	4	2.5	20·100	10	15	9	○	○	○	○	○	○	○	○	○
NA 0640-□-□	6	4	20·100	15	23	17	○	○	○	○	○	○	○	○	○
NA 0860(5/16)-□-□	8	6	20·100	24	36	23	○	○	○	○	○	○	○	○	○
NA 1075-□-□	10	7.5	20·100	30	45	36	○	○	○	○	○	○	○	○	○
NA 1290-□-□	12	9	20·100	36	54	52	○	○	○	○	○	○	○	○	○
NA 1613(5/8)-20-□	16	13	20	80	120	70	○	○	○	○	○	○	○	○	○
NA 1/8-□-□	3.18	2	20·100	8	12	5	○	-	-	-	-	-	-	-	○
NA 3/16-□-□	4.76	2.99	20·100	12	18	12	○	-	-	-	-	-	-	-	○
NA 1/4-□-□	6.35	4.57	20·100	18	27	27	○	-	-	-	-	-	-	-	○
NA 3/8-□-□	9.53	6.99	20·100	32	48	35	○	-	-	-	-	-	-	-	○
NA 1/2-□-□	12.7	9.56	20·100	38	57	56	○	-	-	-	-	-	-	-	○

※ . Left □ in model code : Replace with Tube length

※ . Right □ in model code: Replaced with Tube color code

NB Soft Nylon Tube

RoHS compliant



Model code	Tube O.D. (ømm)	Tube I.D. (ømm)	Tube length (m)	Min. Bending Radius (mm)	Min. Installation Radius (mm)	Weight (g/m)	B Black	R Red	O Orange	YB Ocher	Y Yellow	G Green	Bu Blue	CB Clear blue	W Milky white	BR Brown	YG Yellow green	P Pink
NB 0425-□-□	4	2.5	20·100	9	14	9	○	○	△	△	○	△	○	○	○	△	△	△
NB 0640-□-□	6	4	20·100	14	21	17	○	○	△	△	○	△	○	○	○	△	△	△
NB 0860-□-□	8	6	20·100	25	34	23	○	○	△	△	○	△	○	○	○	△	△	△
NB 1075-□-□	10	7.5	20·100	30	42	36	○	○	△	△	○	△	○	○	○	△	△	△
NB 1290-□-□	12	9	20·100	34	51	52	○	○	△	△	○	△	○	○	○	△	△	△
NB 1613-20-□	16	13	20	80	135	69	○	△	△	△	△	△	○	△	○	△	△	△

※ . Left □ in model code : Replace with Tube length

※ . Right □ in model code: Replaced with Tube color code