

Multi Core Tube for General Pneumatic Piping Multi-core Planar Tube

TUBE

MADE-TO-ORDER
PRODUCTS

616

Multi-core
Tube

Coiling
Tube

Twin Coiling
Tube

Polypropylene /
Polyamide Tube

Clean Room
Tube

Anti-Static
Tube

Anti-Static
Tube

Tube
Binder

Tube
cutter

Insert
Ring

Tube
Reel

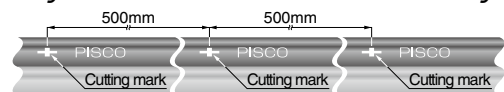
● *Fine Flexibility.*

● *Simple Piping for Plural Actuators.*

● *Identification Line printed on Black Two-Core Tube to Prevent Misconnection.*



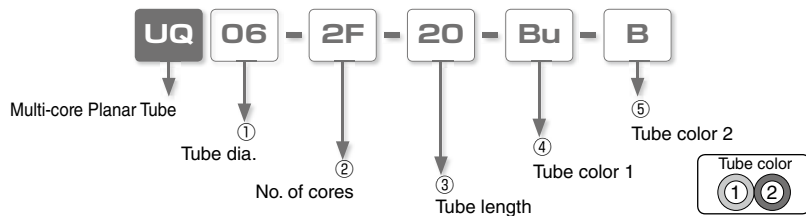
● *Marking on every 500mm to cut conveniently.*



● *Tubes with 3-6 Cores, different type of Arrangement (Parallel or Pyramid Type) and 10-Color Selection are available by Option Order.*

Multi-core Planar Tube

Model Designation (Example)



① Tube dia.

Code	03	04	06	08	10	12
O.D. (mm)	ø3	ø4	ø6	ø8	ø10	ø12
I.D. (mm)	ø2	ø2.5	ø4	ø5	ø6.5	ø8

② No. of cores

Code	2F	3F ※	4F ※	5F ※	6F ※
Core	2 cores	3 cores	4 cores	5 cores	6 cores

※ 3-6 cores of equal tube dia. are available as a make-to-order product.

③ Tube length

Code	20	100
Length(m)	20	100

※ Other length is available as a make-to-order product. Refer to the following "Make-to-order product".

④ Tube color 1

Code	B	R	O	YB	Y	G	Bu	CB	C	W
Color	Black	Red	Orange	Ocher	Yellow	Green	Blue	Clear blue	Transparent	Milky white

⑤ Tube color 2

Code	B	R	O	YB	Y	G	Bu	CB	C	W
Color	Black	Red	Orange	Ocher	Yellow	Green	Blue	Clear blue	Transparent	Milky white

※ Tube with the combination of black 2 cores is a standard item. Tubes with any other combination are available as make-to-order product.

Make-to-order product

■ Tube dia. and max. length of each tube core

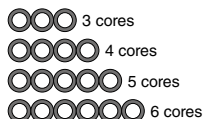
(unit: m)

		Tube dia. (mm)					
		ø3	ø4	ø6	ø8	ø10	ø12
No. of cores	3	100	100	100	100	80	65
	4	100	100	100	75	60	50
	5	100	100	80	60	50	40
	6	100	100	65	50	40	30

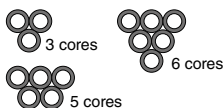
■ Producible core numbers and arrangement as the make-to-order product

Equal tube dia.

- Parallel arrangement: 3-6 cores

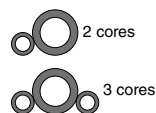


- Pyramidal arrangement: 3, 5 and 6 cores (Special-made)



Unequal tube dia. (Special-made)

- 2 and 3 cores only (Parallel arrangement only)



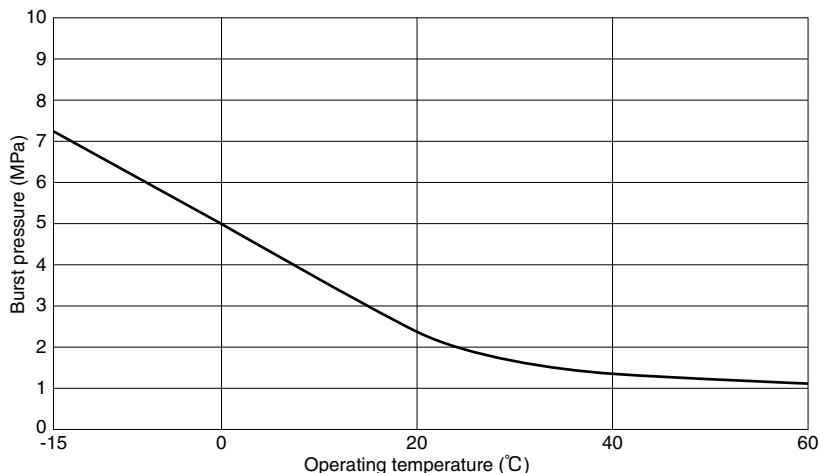
■ Specifications

Fluid medium	Air
Max. operating pressure (at 20°C 65%RH)	0.8MPa (※)
Max. vacuum	-100kPa
Operating temp. range	-15~60°C (No freezing)

⚠ Warning

※ 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. When Tubes are frequently swung and bent, there is a possibility of generating heat between molecules and damaging the products.

■ Burst Pressure Curve (Reference value)



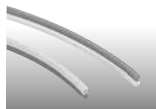
⚠ Detailed Safety Instructions

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

- When the tubes are difficult to split into each core, cut the tube edge between each core around 5mm with a cutter.

RoHS compliant



Model code	Tube O.D. (ømm)	Tube I.D. (ømm)	Tube length (m)	No. of cores	Min. Bending Radius (mm)	Min. Installation Radius (mm)	Weight (g/m)
UQ03-2F-□-①-②	3	2	20 · 100	2	8	12	14
UQ03-3F-□-①-②-③				3			21
UQ03-4F-□-①-②-③-④				4			28
UQ03-5F-□-①-②-③-④-⑤				5			35
UQ03-6F-□-①-②-③-④-⑤-⑥				6			42
UQ04-2F-□-①-②	4	2.5	20 · 100	2	10	15	18
UQ04-3F-□-①-②-③				3			27
UQ04-4F-□-①-②-③-④				4			36
UQ04-5F-□-①-②-③-④-⑤				5			45
UQ04-6F-□-①-②-③-④-⑤-⑥				6			54
UQ06-2F-□-①-②	6	4	20 · 100	2	15	23	38
UQ06-3F-□-①-②-③				3			57
UQ06-4F-□-①-②-③-④				4			76
UQ06-5F-20-①-②-③-④-⑤			20	5			95
UQ06-6F-20-①-②-③-④-⑤-⑥				6			114
UQ08-2F-□-①-②	8	5	20 · 100	2	15	23	72
UQ08-3F-□-①-②-③				3			108
UQ08-4F-20-①-②-③-④				4			144
UQ08-5F-20-①-②-③-④-⑤			20	5			180
UQ08-6F-20-①-②-③-④-⑤-⑥				6			216
UQ10-2F-□-①-②	10	6.5	20 · 100	2	20	30	108
UQ10-3F-20-①-②-③				3			162
UQ10-4F-20-①-②-③-④				4			216
UQ10-5F-20-①-②-③-④-⑤			20	5			270
UQ10-6F-20-①-②-③-④-⑤-⑥				6			324
UQ12-2F-□-①-②	12	8	20 · 100	2	30	45	148
UQ12-3F-20-①-②-③				3			222
UQ12-4F-20-①-②-③-④				4			296
UQ12-5F-20-①-②-③-④-⑤			20	5			370
UQ12-6F-20-①-②-③-④-⑤-⑥				6			444

※. □ in model code: Replaced with Tube length

※. Fill in ①②③④⑤⑥ with Color codes. The combination of Black color with 2 cores is the only standard item and the other colors are available as a make-to-order product.

※. Other length is also available. See "Make-to-order product" on page 617.

※. Over 3-core tube (3cores ~ 6cores) is a make-to-order product.