

CO-TB

(PTFE) 100m (60m) Fluorine Contained Resin Tube

Bobbin Type with
all 6 colors

Ø4-Ø2
Conventional Product

Ø4-Ø2.5
1.5 times larger
water flow rate

**Inner Dia. φ2.5 is
available with 20m roll (PTFE)**

To increase water flow rate, φ4xφ2.5 is added in the list.
By using 100m and 60m bobbin type, it will save waste and
contribute to cost reduction.
For identity management purpose of JECSS-M100-6 systems,
Bobbin type with 6 colors can be available.(φ4)

● Characteristics

- PTFE made which heat and pressure resistance are excellent.
- Tight dimensional tolerance for prevent from leaking and falling out.

PTFE Heat Resistance.

Outer Dia φ4 • Inner Dia φ2.5

Survey results of change, leaving on the
about 300°C iron plate for 30 sec. and
pressing with tool for 20 sec.

**ATS Original one,
Almost no change**

Test Scene

292°C

PTFE

PFA

Fluorine Contained Resin Tube

Fluorine Contained Resin Tube

FEP

Nylon

Fluorine Contained Resin Tube

Fluorine Contained Resin Tube

**ATS Original one,
High pressure resistance.**

Test Scene

94.4°C

PTFE Pressure Resistance.

Outer Dia φ4 • Inner Dia φ2.5

Survey results of burst pressure, soaking
one part of each tube in hot water(94.4°C) for
20 sec. and putting pressure on it.

Burst Pressure 5.3 MPa

PTFE

PFA

Fluorine Contained Resin Tube

Fluorine Contained Resin Tube

Burst Pressure
4.2 MPa

Burst Pressure
0.9 MPa

FEP

Nylon

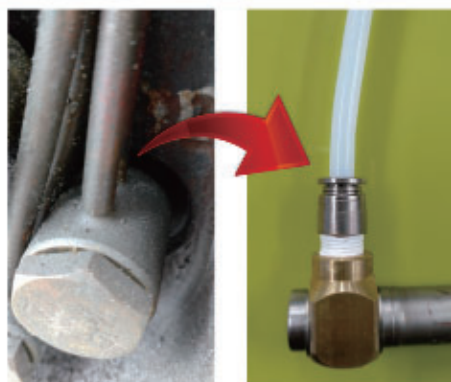
Fluorine Contained Resin Tube

Fluorine Contained Resin Tube

Fluorine Contained Resin Tube

● Tube Changing Example

From Copper Pipe To Fluorine Contained Resin Tube



From Rubber Hose To Fluorine Contained Resin Tube

● Specifications

Model	Type	Outer Dia.	Inner Dia.	Size Code	Bend Radius	Max. Working Pressure (at20°C)	Hardness	Color	Color Code	Length Unit			Unit Code	
										20m Roll	100m Bobbin	60m Bobbin		
CO	TB	Ø4	Ø2	042	15mm	2.0MPa	55~65 (Shore D)	Black	BK	○	○	—	20mm	20
								Red	RD	○	○	—		
								Blue	BL	○	○	—		
								Yellow	YE	○	○	—		
								Green	GR	○	○	—		
								Natural	NU	○	○	—		
		Ø4	Ø2.5	0425	15mm	1.8MPa	55~65 (Shore D)	Black	BK	○	—	—		
								Red	RD	○	—	—		
								Blue	BL	○	—	—		
								Natural	NU	○	—	—		
		Ø6	Ø4	064	20mm	1.7MPa	55~65 (Shore D)	Black	BK	○	○	—	60mm	60
								Red	RD	○	○	—		
								Blue	BL	○	○	—	100mm	100
								Yellow	YE	○	—	—		
								Green	GR	○	—	—		
								Natural	NU	○	○	—		
		Ø8	Ø6	086	40mm	1.0MPa	55~65 (Shore D)	Black	BK	○	—	○		
								Red	RD	○	—	○		
								Blue	BL	○	—	○		
								Yellow	YE	○	—	—		
								Green	GR	○	—	—		
								Natural	NU	○	—	○		

● Example of Order Code Designation

Model - Type - Size - Color Code - Unit Code

CO - TB - 064 - GR (Green) - 20

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