



Tube

F.U.NU.KX.SR2 Series

Wide bore size available according to purposes and applications.
Highly reliable piping tubes.

- Outer diameter: 3.2/4/6/8/10/12/15/16 mm

Soft nylon tube

Manufacturer of colors other than white: Aoi Co., Ltd.

The soft nylon tube is very flexible compared to the conventional nylon tubes and optimal for piping in small or complicated spaces. The tube also has sufficient characteristics such as cold resistance, weather resistance, oil resistance and chemical resistance, etc.

Specifications

This table indicates the value at 20°C.

Item	FH-3224	F-1532	F-1504	F-1506	F-1508	F-1510	F-1512	F-1515	F-1516
Working fluid	Compressed air								
O.D. x I.D. mmxmm	3.2x2.4	3.2x2.0	4x2.5	6x4	8x6	10x7.5	12x9	15x11.5	16x12
Ambient temperature °C	-10 (14°F) to 60 (140°F) (no freezing)								
Burst pressure MPa	5.39 (≈780 psi, 53.9 bar)	4.9	3.9	3.43 (≈500 psi)	2.94	3.3			
Max. working pressure MPa	1.76 (≈260 psi, 17.6 bar)	1.67	1.27	1.18 (≈170 psi)	1	1.1			
Durometer hardness	HDD 63		HDD 52						
Min. bend rad (JIS B 8381) mm	13	4.5	5	8	15	20	26	43	46
Min. installation radius mm	21	7	10	20	30	40	55	80	90
Tube color	Black/White		White (aonly 20 m)/black/red/blue/yellow/green/orange			Black/White		Black/White *1	
Standard length per roll m	20		20/100			20/100 (only black)		20/100	

* Outer diameter dimension tolerance may vary within ±0.1 mm.

*1: Manufacturer of both white and black: Aoi Co., Ltd.

How to order

FH-3224 - W

Size of soft nylon tube
ø3.2 x ø2.4

A Tube color	
Blank	Black
W	White

For miniature fitting (F)
(page 816)

F-15 04 - 20 - W

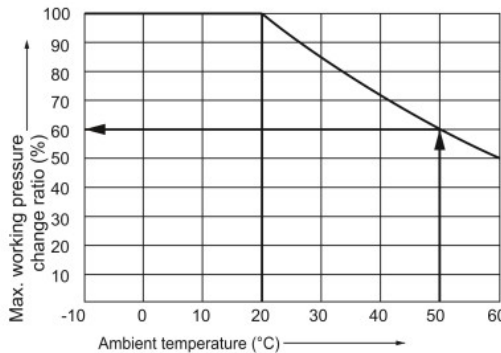
Soft nylon tube

A Tube size (O.D.)	B Length/roll	C Tube color
32 ø3.2 10 ø10	20 20 m	Blank Black (standard)
04 ø4 12 ø12	100 100 m	W White (standard)
06 ø6 15 ø15		R Red
08 ø8 16 ø16		BU Blue
		Y Yellow
		G Green
		O Orange

Note: If tube color is white "W", length per roll 100 m is not available.

Note: Use the FH-3224 for miniature fitting. F-1532 cannot be used.

Relation of ambient temperature and max. working pressure



(Example) Tube F-1504 (ø4 x ø2.5)
If ambient temperature is 50°C, max. working pressure is 60% of max. working pressure of 20°C.

$$1.76 \times \frac{60}{100} \approx 1.06(\text{MPa})$$