

產品外觀

PRODUCT APPEARANCE

工作壓力：安全係數 3 比 1

Working Pressure: Safety Factor 3:1



訂購代號

ORDER NO.

FPU

系列	
阻燃	
F	PU

8*12

內外管徑	
4*6	mm
5*8	mm
6.5*10	mm
8*12	mm

25

長度	
25	M
50	M

BU

顏色	
BU	藍色
BK	黑色
GY	灰色
Y	黃色

特點

FEATURES

- 外層採用阻燃材料，提供管材表面防護
Flame-retardant outer layer provides effective surface protection.
- 外層材料符合 UL 94 V-0 燃燒等級，具備自熄特性
The outer material meets the UL 94 V-0 flammability rating and features self-extinguishing performance.
- 內層採用 PU 管體，適用於壓縮空氣等氣動系統輸送
The inner tube is made of PU, making it suitable for compressed air and other pneumatic conveying applications.
- PU 管體兼具柔韌性與動態彎折穩定性，滿足氣動配管需求
The PU inner tube maintains the flexibility and dynamic bending stability required for pneumatic piping.

適用範圍

APPLICATIONS

- 適用於焊接、金屬加工、研磨及裝配等產線之氣動配管系統，可應用於管材表面可能接觸焊接火花或瞬間高溫熱源之作業環境
Suitable for pneumatic piping systems in welding, metal processing, grinding, and assembly applications where tubing may be exposed to welding sparks or intermittent high-temperature sources.

公制尺寸

Metric Size

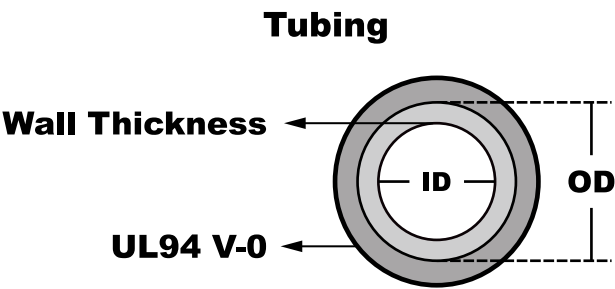
型 號 TYPE	管材內徑 Tube I.D.	管材外徑 Tube O.D.	內管壁厚 Inner Wall Thickness	外層套管厚度 Jacket Thickness	23°C 工作壓力 Working Pressure at 23°C	彎曲半徑 Min. Bending Radius	長度 Length (m)
FPU-4*6	4 mm	6 mm	1 mm	1 mm	12 bar	15 mm	25 / 50
FPU-5*8	5 mm	8 mm	1.5 mm	1 mm	12 bar	20 mm	25 / 50
FPU-6.5*10	6.5 mm	10 mm	1.75 mm	1 mm	10 bar	25 mm	25 / 50
FPU-8*12	8 mm	12 mm	2 mm	1 mm	10 bar	30 mm	25 / 50

英制尺寸

Inch Size

型 號 TYPE	管材內徑 Tube I.D.	管材外徑 Tube O.D.	內管壁厚 Inner Wall Thickness	外層套管厚度 Jacket Thickness	23°C 工作壓力 Working Pressure at 23°C	彎曲半徑 Min. Bending Radius	長度 Length (ft)
FPU-15614	0.156	1/4"	0.05 inch	0.04 inch	180 psi	1/2"	100 / 250
FPU-196516	0.196	5/16"	0.06 inch	0.04 inch	175 psi	3/4"	100 / 250
FPU-25038	0.250	3/8"	0.06 inch	0.04 inch	150 psi	1"	100 / 250
FPU-32812	0.328	1/2"	0.09 inch	0.04 inch	150 psi	1 1/8"	100 / 250

硬度 Hardness	98A ± 2
溫度範圍 Temperature Range	-20°C~60°C / -4°F~140°F
材質 Material	聚酯型聚氨酯 Polyester Polyurethane (PU)



技術圖表

TECHNICAL CHARTS

