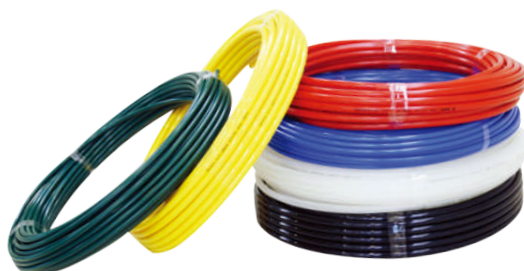


產品外觀

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.

PA6

4*6

100

BU

系列

PA 6

內外管徑

2.5*4 mm

4*6 mm

6*8 mm

7.5*10 mm

8*10 mm

9*12 mm

10*12 mm

11*14 mm

長度

100 M

200 M

顏色

BU 藍色

BK 黑色

NA 本色

特點

FEATURES

- 對常見工業用油品及各類介質具有良好的化學相容性
Excellent chemical compatibility with common industrial oils and media.
- 兼具優異的耐衝擊性與剛性
Excellent impact resistance and rigidity.
- 具優異的耐熱、耐磨耗、耐油及耐溶劑、耐化學品性能
Excellent resistance to heat, abrasion, oil, solvents, and chemicals.

適用範圍

APPLICATIONS

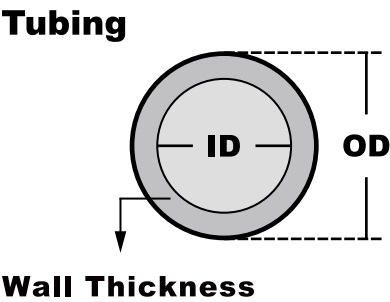
- 適用於低壓液壓系統、化學品輸送、空氣壓縮系統
Suitable for low-pressure hydraulic systems, chemical transfer, compressed air systems.

公制尺寸

Metric Size

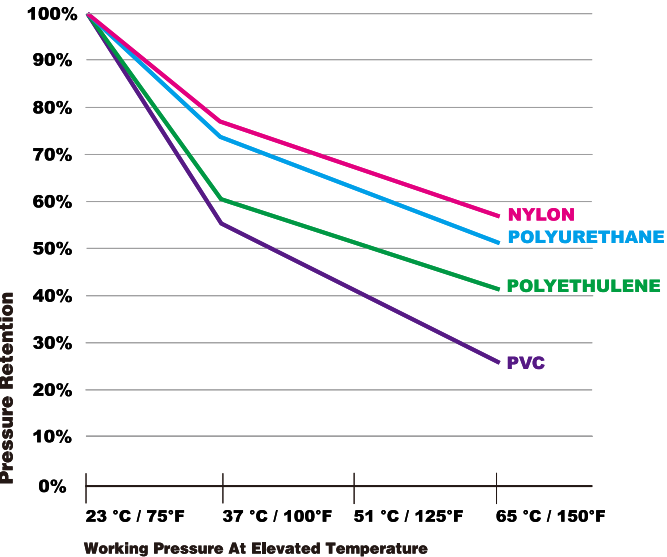
型 號 TYPE	管材內徑 Tube I.D.	管材外徑 Tube O.D.	管壁厚度 Wall Thickness	23°C 工作壓力 Working Pressure at 23°C	23°C 爆破壓力 Burst Pressure at 23°C	彎曲半徑 Min. Bending Radius	每米重量 Weight (g/m)
PA6-2*4	2 mm	4 mm	1 mm	55 bar	165 bar	25 mm	10.8
PA6-2.5*4	2.5 mm	4 mm	0.75 mm	38 bar	114 bar	30 mm	8.8
PA6-3*5	3 mm	5 mm	1 mm	42 bar	126 bar	30 mm	14.4
PA6-4*6	4 mm	6 mm	1 mm	33 bar	99 bar	45 mm	18.1
PA6-6*8	6 mm	8 mm	1 mm	24 bar	72 bar	65 mm	25.3
PA6-7*10	7 mm	10 mm	1.5 mm	29 bar	87 bar	75 mm	46.0
PA6-7.5*10	7.5 mm	10 mm	1.25 mm	23 bar	69 bar	80 mm	39.5
PA6-8*10	8 mm	10 mm	1 mm	18 bar	54 bar	110 mm	32.5
PA6-9*12	9 mm	12 mm	1.5 mm	23 bar	69 bar	105 mm	56.9
PA6-10*12	10 mm	12 mm	1 mm	15 bar	45 bar	165 mm	39.7
PA6-11*14	11 mm	14 mm	1.5 mm	20 bar	60 bar	180 mm	67.7
PA6-12*15	12 mm	15 mm	1.5 mm	18 bar	54 bar	170 mm	73.1
PA6-13*16	13 mm	16 mm	1.5 mm	15 bar	45 bar	140 mm	78.5
PA6-14*18	14 mm	18 mm	2 mm	19 bar	57 bar	180 mm	115.6

溫度範圍 Temperature Range	-40°C~80°C / -40°F~176°F
材質 Material	聚醯胺 Polyamide (PA)



技術圖表

TECHNICAL CHARTS



英制尺寸

Inch Size

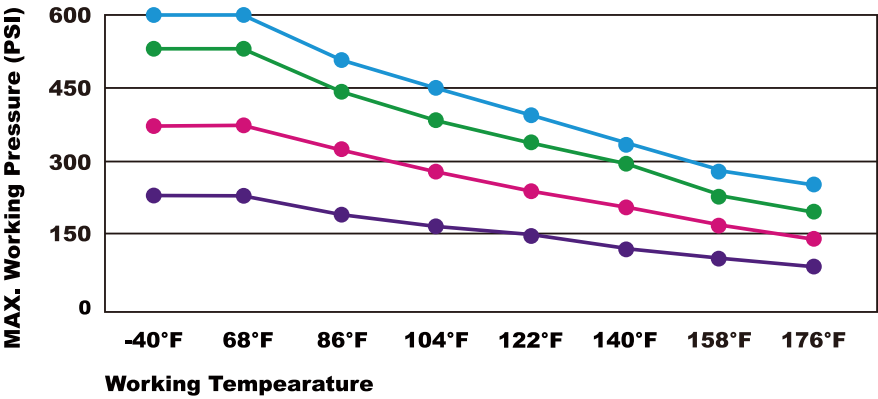
型 號 TYPE	管材內徑 Tube I.D.	管材外徑 Tube O.D.	管壁厚度 Wall Thickness	75°F 工作壓力 Working Pressure at 75°F	75°F 爆破壓力 Burst Pressure at 75°F	彎曲半徑 Min. Bending Radius	每米重量 Weight (lb/ft)
PA6-09118	0.091	1/8"	0.02 inch	425 psi	1700 psi	1/2"	0.003
PA6-07318	0.073	1/8"	0.03 inch	625 psi	2500 psi	1/2"	0.004
PA6-106532	0.106	5/32"	0.03 inch	475 psi	1900 psi	5/8"	0.005
PA6-140316	0.140	3/16"	0.02 inch	300 psi	1200 psi	1 1/4"	0.006
PA6-118316	0.118	3/16"	0.03 inch	450 psi	1800 psi	7/8"	0.009
PA6-18014	0.180	1/4"	0.04 inch	300 psi	1200 psi	1 1/4"	0.012
PA6-17014	0.170	1/4"	0.04 inch	325 psi	1300 psi	1 1/4"	0.014
PA6-233516	0.233	5/16"	0.04 inch	300 psi	1200 psi	1 1/2"	0.017
PA6-27538	0.275	3/8"	0.05 inch	300 psi	1200 psi	1 3/4"	0.025
PA6-25038	0.250	3/8"	0.06 inch	450 psi	1800 psi	1 1/2"	0.030
PA6-37512	0.375	1/2"	0.06 inch	300 psi	1200 psi	3"	0.043
PA6-50058	0.500	5/8"	0.06 inch	175 psi	700 psi	5"	0.056
PA6-59434	0.594	3/4"	0.08 inch	175 psi	700 psi	8 3/8"	0.081

技術圖表

TECHNICAL CHARTS

不同溫度下最大工作壓力參考表

Maximum Working Pressure at Different Temperatures Reference Chart



●	0.106*5/32 , 0.118*3/16 , 0.25*3/8
●	0.73*1/8
●	0.17*1/4 , 0.093*1/8 , 0.140*3/16 , 0.180*1/4 , 0.233*5/16 , 0.275*3/8 , 0.375*1/2
●	0.5*5/8 , 0.594*3/4

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.

PA12

4*6

100

BU

系列

PA 12

內外管徑

2.5*4	mm
4*6	mm
6*8	mm
7.5*10	mm
8*10	mm
9*12	mm

長度

100	M
200	M

顏色

BU	藍色
BK	黑色
G	綠色
NA	本色
R	紅色
Y	黃色

特點

FEATURES

- 低吸濕率，具良好的耐化學性
Low moisture absorption and excellent chemical resistance.
- 耐熱、耐光，穩定性佳
Excellent heat and light stability.
- 優異的尺寸穩定性，可確保長期配管使用時維持尺寸一致性
Excellent dimensional stability ensures consistent dimensions during long-term service.

適用範圍

APPLICATIONS

- 適用於低壓液壓系統、化學品輸送、空氣壓縮系統及氣壓煞車系統
Suitable for low-pressure hydraulic systems, chemical transfer, compressed air systems, and air brake systems.

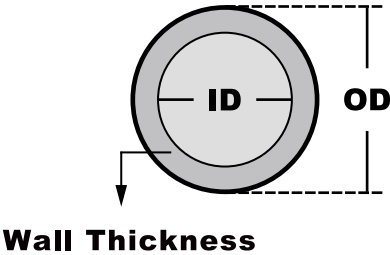
公制尺寸

Metric Size

型 號 TYPE	管材內徑 Tube I.D.	管材外徑 Tube O.D.	管壁厚度 Wall Thickness	23°C 工作壓力 Working Pressure at 23°C	23°C 爆破壓力 Burst Pressure at 23°C	彎曲半徑 Min. Bending Radius	每米重量 Weight (g/m)
PA6-2*4	2 mm	4 mm	1 mm	44 bar	132 bar	15 mm	9.7
PA6-2.5*4	2.5 mm	4 mm	0.75 mm	31 bar	93 bar	20 mm	7.8
PA6-2.7*4	2.7 mm	4 mm	0.65 mm	26 bar	78 bar	25 mm	7.0
PA6-3*5	3 mm	5 mm	1 mm	33 bar	99 bar	30 mm	12.9
PA6-4*6	4 mm	6 mm	1 mm	27 bar	81 bar	35 mm	16.1
PA6-6*8	6 mm	8 mm	1 mm	19 bar	57 bar	40 mm	22.5
PA6-7*10	7 mm	10 mm	1.5 mm	24 bar	72 bar	45 mm	41
PA6-7.5*10	7.5 mm	10 mm	1.25 mm	19 bar	57 bar	50 mm	35.2
PA6-8*10	8 mm	10 mm	1 mm	15 bar	45 bar	60 mm	29
PA6-9*12	9 mm	12 mm	1.5 mm	19 bar	57 bar	70 mm	50.7
PA6-10*12	10 mm	12 mm	1 mm	12 bar	36 bar	85 mm	35.4
PA6-10*14	10 mm	14 mm	2 mm	22 bar	66 bar	90 mm	77.2
PA6-11*14	11 mm	14 mm	1.5 mm	16 bar	48 bar	88 mm	60.3
PA6-12*14	12 mm	14 mm	1 mm	10 bar	30 bar	85 mm	41.8
PA6-12*15	12 mm	15 mm	1.5 mm	15 bar	45 bar	100 mm	65.2
PA6-12*16	12 mm	16 mm	2 mm	19 bar	57 bar	150 mm	90.1
PA6-14*18	14 mm	18 mm	2 mm	17 bar	51 bar	190 mm	103
PA6-16*20	16 mm	20 mm	2 mm	15 bar	45 bar	180 mm	115.9

溫度範圍 Temperature Range	-40°C~80°C / -40°F~176°F
材質 Material	聚醯胺 Polyamide (PA)

Tubing



英制尺寸

Inch Size

型 號 TYPE	管材內徑 Tube I.D.	管材外徑 Tube O.D.	管壁厚度 Wall Thickness	75°F 工作壓力 Working Pressure at 75°F	75°F 爆破壓力 Burst Pressure at 75°F	彎曲半徑 Min. Bending Radius	每米重量 Weight (lb/ft)
PA12-07918	0.079	1/8"	0.02 inch	420 psi	1680 psi	3/8"	0.003
PA12-09318	0.093	1/8"	0.02 inch	250 psi	1000 psi	1/2"	0.002
PA12-106532	0.106	5/32"	0.03 inch	300 psi	1200 psi	1/2"	0.005
PA12-138316	0.138	3/16"	0.02 inch	250 psi	1000 psi	5/8"	0.006
PA12-15014	0.150	1/4"	0.05 inch	500 psi	2000 psi	3/4"	0.014
PA12-17014	0.170	1/4"	0.04 inch	310 psi	1240 psi	7/8"	0.012
PA12-18014	0.180	1/4"	0.04 inch	250 psi	1000 psi	7/8"	0.010
PA12-232516	0.232	5/16"	0.04 inch	250 psi	1000 psi	1 1/8"	0.015
PA12-25038	0.250	3/8"	0.06 inch	400 psi	1600 psi	1"	0.027
PA12-27538	0.275	3/8"	0.05 inch	250 psi	1000 psi	1 1/8"	0.023
PA12-37512	0.375	1/2"	0.06 inch	250 psi	1000 psi	3 1/2"	0.038
PA12-50058	0.500	5/8"	0.06 inch	210 psi	840 psi	4 1/4"	0.049

技術圖表

TECHNICAL CHARTS

