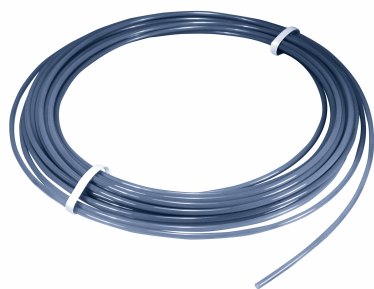


For general use



Dimensions

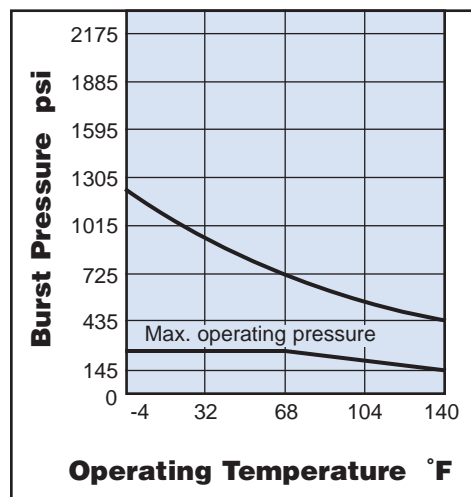
Inch	Series TIA						
Model	TIA01	TIA05	TIA07	TIA11	TIA13		
Tube OD (Inches)	1/8	5/32	3/16	1/4	5/16	3/8	1/2
Tube ID (Inches)	0.086	0.098	0.137	0.18	0.236	0.275	0.378
Min. bending radius (Inches)	0.59	0.51	0.79	1.18	1.89	2.36	2.95

*For 5/32 and 5/16 tubing, please refer to 4mm (T0425) and 8mm (T0806) tubing on page 6.

Specifications

Operating Fluid	Air, Water
Max. Operating Pressure	220 psi (1.5MPa) at 68°F (20°C)
Burst Pressure	Refer to burst pressure characteristic chart
Operating Temperature	Air: -4° to 140°F (-20° to 60°C) Water: 40° to 105°F (5° to 40°C)
Material	Nylon 12
Hardness	Shore D 70

Burst Pressure Characteristics Chart



How To Order

TIA

07

Nylon

Inch Size

Symbol	Tube Size
01	1/8
See Note*	5/32
05	3/16
07	1/4
See Note*	5/16
11	3/8
13	1/2

B

-

Color Indication

Symbol	Color
B	Black
W	White
R	Red
BU	Blue
Y	Yellow
G	Green

33

Length Per Roll

Symbol	Roll Size
33	100ft
153	500ft
305	1000ft

Longer lengths available upon request

Note* - For 5/32 and 5/16 size tubing, please refer to 4mm (T0425) and 8mm (T0806) "How to Order" information on page 6

Caution

1. Can be used with general industrial water. For other fluids, please consult SMC.
2. Max. operating pressure and minimum bending radius are measured at 68°F.
3. When using tubing with SMC fittings, the chemical resistance of the fitting has to be investigated as well.

Packaging Design

		Inch Size Tubing						
Length		1/8	5/32	3/16	1/4	5/16	3/8	1/2
100ft	Bag	Refer to	Bag	Bag	Refer to	Bag	Bag	
500ft	Bag	4mm	Bag	Bag	8mm	Reel	Reel	
1000ft	Reel	Tubing	Reel	Reel	Tubing	Reel	Reel	