



Product feature

1. Double-layer tubing, flame resistant performance (UL94 V-0), effectively prevent the electrical sparks from flying;
2. Excel in elasticity: can pass compactness space with lesser bend radius.
3. Excellent water-resistant and flexibility.
4. Super doughty wearable and higher intensity of stretch.
5. Anti-knot: better anti-knot effect than other plastic tubing;
6. No-stick clamp tubing, convenient for removing the protective layer;
7. Self-distinguishing material protective layer, effectively prevent the inner tubing;

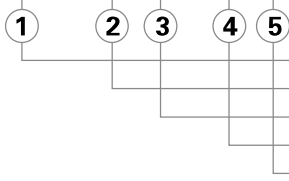
Specification

Type [Note1]	Outer layer		Inner layer			Package Length(m)	Working Pressure at 23°C(MPa)	Burst pressure at 23°C	Bend radius (mm)	Weight per 100M(kg)	Temperature (°C)
	Tubing OD (mm)	Tubing ID (mm)	Tubing OD (mm)	Tubing ID (mm)	Wall Thickness (mm)						
UWS98A060040□□	8	1	6.0	4.0	1.00	50/100	1.0	4.0	15	2.3	-20~70
UWS98A080050□□	10	1	8.0	5.0	1.50	50/100	1.0	4.0	20	3.5	
UWS98A100065□□	12	1	10.0	6.5	1.75	50/100	1.0	4.0	25	4.8	
UWS98A120080□□	14	1	12.0	8.0	2.00	50/100	1.0	4.0	35	6.3	

[Note1] "□□" in the type column is for "color/Quantity"

Ordering code

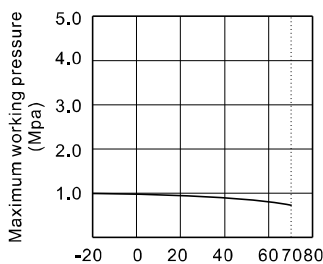
UWS98A 120 080 050M Y



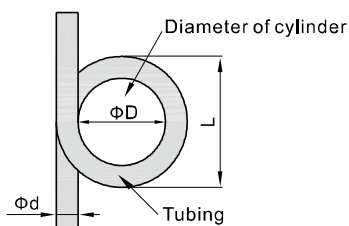
① Model	UWS98A: Double-layer flame resistant tubing			
② Tubing OD	060: Φ6.0mm	080: Φ8.0mm	100: Φ10.0mm	120: Φ12.0mm
③ Tubing ID	040: Φ4.0mm	050: Φ5.0mm	065: Φ6.5mm	080: Φ8.0mm
④ Material length	050M: 50m/coil 100M: 100m/coil			
⑤ Standard color[Note2]	BU: Blue	BK: Black	GN: Green	WH: White R: Red Y: Yellow

[Note 2]: All inner PU tubes are black

Relationship of operation pressure and temperature



Mini bend radius



The least bend radius (JIS method)

JIS method (Base on JIS B8381 standard)

When the tubing circle the cylinder tightly and the distortion rate is 25%, the cylinder radius is the least bend radius.

Testing condition : 20°C , 65% RH

$$N = \{1 - (L - D) / 2d\} \times 100$$

N=Distortion rate (%) , less than 25% of standard value.

d=Tubing diameter (mm)

L=Measure value (mm)

D=Diameter of cylinder (mm)