

Flame resistant tubing

UN54D Series

Product feature



1. Monolayer tubing with flame resistant.
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.

Specification

Type [Note1]	Tubing OD (mm)	Tubing ID (mm)	Wall Thickness (mm)	Package Length(m)	Working Pressure at 23°C(MPa)	Burst pressure at 23°C	Bend radius (mm)	Weight per 100M(kg)	Temperature (°C)
UN54D□060040□□	6.0	4.0	1.00	100	1.0	4.0	12	1.93	-20~70
UN54D□080050□□	8.0	5.0	1.50	100	1.0	4.0	18	3.66	
UN54D□100065□□	10.0	6.5	1.75	100	1.0	4.0	20	5.44	
UN54D□120080□□	12.0	8.0	2.00	100	1.0	4.0	20	7.56	

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

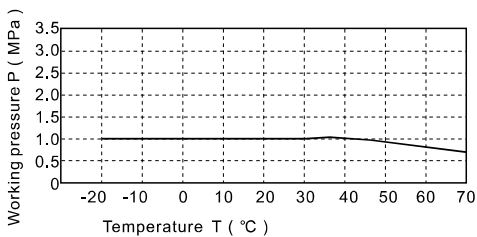
Ordering code

UN54D 120 080 100M Y

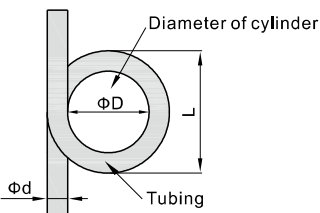


① Model	② Tubing OD	③ Tubing ID	④ Material length	⑤ Standard color
UN54D : Flame resistant tubing54D±3	060 : Φ6.0mm 080 : Φ8.0mm 100 : Φ10.0mm 120 : Φ12.0mm	040 : Φ4.0mm 050 : Φ5.0mm 065 : Φ6.5mm 080 : Φ8.0mm	100M : 100 m/coil	BU: Blue BK: Black GN: Green WH: White R: Red Y: Yellow

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)