PU HOSE

Performance data

1 · Operating Temperature□-40°C~+80°C(For Non-Chemical GAS Space)

Fluid Temperature Range:-15°C~+60°C (non-freezing)

2 · Diameter Tolerances±0.1mm~±0.15mm

3 · Hardness 95A

4 · Tensile Strength 5690 PSI

5 · Elongation at Break 490-590%

6 · Abrasion 35mg

7 · Tearing Strengh 1 565 PSI

8 · Safp Factor 3:1

Pu pneumatic hose Characteristics

- Excellent flexibility, small bending radius
- Non-toxic, smelless
- Hardness is constant, long service life.
- Excellent performance of resistance against high pressure, vibration, corrosion, attrition and bending of PU air hose.

外径(mm) O.D(mm)	内径(mm) I.D(mm)	爆破压力 kgf/cm²20°	爆破压力 kgf/cm²60°	最小弯曲角度 Min bending angle	Burst PSI @75° F	Burst PSI @140° F
3	2	34	19	12℃	435	270
4	2.5	38	21	12℃	492	305
5	3	37	21	33℃	480	297
6	4	31	17	35℃	401	251
8	5	32	19	39℃	414	268
8	5.5	28	16	46℃	365	219
8	6	21	11	48℃	295	162
10	6.5	31	180	43.5℃	392	286
10	7.5	26	15	42℃	335	216
12	8	31	17	37℃	405	248
12	9.5	24	14	54℃	313	203
14	10	20	11	70℃	255	159
16	12	17	10	70℃	216	135

PU Tube Description:

PU pneumatic hose combines the best properties of both plastic and rubber. It offers abrasion and tear resistance, high tensile and elongation values, and low compression set. Polyurethane is naturally flexible and exhibits virtually unlimited flexural abilities.

Combining good chemical resistance with excellent weathering characteristics sets polyurethane apart from most other thermoplastics. It has exceptional resistance to most gasoline, oils, kerosene, and other petroleum-based chemicals, making PU tubing and hose, also know as PUR tubing and hose, an ideal choice for fuel lines (although additives in today' s gasoline and petroleum products warrant field testing).

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	Item No	Size		length	Pressure Range	Burst Pressure	Bending Radius	Weight
		Inside Diameter x Outside Diameter						
		mm	mm	M	kgf/cm²	kgf/cm²	mm	kg/Reel
METRIC SYSTEM	TU0320–200M	2	3	200	10	32	8	1.4
	TU0425–200M	2.5	4	200	10	32	10	2.32
	TU0530–200M	2	3	200	10	32	8	3.56
	TU0640–200M	4	6	200	8	24	15	4.32
	TU0850–100M	5	8	100	10	32	20	4.22
	TU0855–100M	5.5	8	100	8	24	20	3.72
	TU1065–100M	6.5	10	100	8	24	25	6.05
	TU1280–100M	8	12	100	8	24	35	8.22
	TU1410–100M	10	14	100	8	24	45	9.41
	TU1612–100M	12	16	100	8	24	70	11.34
	TU1613–100M	13	16	100	6	18	80	8.9
BRITISH SYSTEM	TU1/8–200M	2	3.2	200	10	32	8	8.9
	TU5/32–200M	2.5	4	200	10	32	10	2.32
	TU1/4–200M	4.57	6.35	200	8	24	15	4.22
	TU5/16–100M	5	8	100	10	32	20	4.22
	TU3/8–100M	6.5	9.6	100	8	24	35	5.1
	TU1/2–100M	9.6	12.6	100	8	24	35	6.71

PU Coil Hose

Item No	Size			Pressure Range	Burst Pressure	Temperature Range
	Inside Diameter x Outside Diameter		length			
	mm	mm	M	kgf/cm²	kgf/cm²	℃
CL0850–06M	5.0	8	6	8	24	-20℃~+70℃
CL0850–09M	5.0	8	9	8	24	
CL0850–12M	5.0	8	12	8	24	
CL0850–15M	5.0	8	15	8	24	
CL1065–06M	6.5	10	6	8	24	
CL1065–09M	6.5	10	9	8	24	
CL1065–12M	6.5	10	12	8	24	
CL1065–15M	6.5	10	15	8	24	
CL1280–06M	8	12	6	8	24	
CL1280–09M	8	12	9	8	24	
CL1280–12M	8	12	12	8	24	
CL1280–15M	8	12	15	8	24	

Food Grad Puhose

Item No	Size			Pressure Range	Burst Pressure	Bending Radius	Weight
	Inside Diameter x Outside Diameter		length				
	mm	mm	M	kgf/cm²	kgf/cm²	mm	kg/Reel
TUF0425–200M	2.5	4	200	20	65	20	2.32
TUF0640–200M	4	6	200	15	65	25	4.32
TUF0855–100M	5.5	8	100	15	65	35	3.72
TUF1065–100M	6.5	10	100	15	65	45	6.02

Nvlong Braided Hose

Item No	Inside Diameter	Outside Diameter	Pressure Range	Burst Pressure	Bevelling Radius
	mm	mm	kgf/cm²	kgf/cm²	mm
NYB10.2×4.8	10.2	4.8	205	610	35
NYB11.2×6	11.2	6	195	590	40
NYB12×6.4	12	6.4	190	570	40
NYB14.2×8	14.2	8	170	510	60
NYB16.6×9.6	16.6	9.6	155	470	80

Nylong Coil Hose

Item No	Size			Pressure Range	Burst Pressure	Temperature Range
	Inside Diameter x Outside Diameter		length			
	mm	mm	M	kgf/cm²	kgf/cm²	℃
NYCL08–03M	6	8	3	19	57	-40℃~+100℃
NYCL08–06M	6	8	6	19	57	
NYCL08–09M	6	8	9	19	57	
NYCL08–12M	6	8	12	19	57	
NYCL08–15M	6	8	15	19	57	
NYCL10–03M	7	10	3	19	57	
NYCL10–06M	7	10	6	19	57	
NYCL10–09M	7	10	9	19	57	
NYCL10–12M	7	10	12	19	57	
NYCL10–15M	7	10	15	19	57	
NYCL12–03M	9	12	3	19	57	
NYCL12–06M	9	12	6	19	57	
NYCL12–09M	9	12	9	19	57	
NYCL12–12M	9	12	12	19	57	
NYCL08–15M	9	12	15	19	57	