

# Polyurethane tubing



## Product feature

1. Plastic polyurethane material conforms to the ROHS environment protection requirement.
2. High elasticity: small bend radius enables PU tubing to pass through the tight space.
3. Anti-knot: better anti-knot effect than other plastic tubing.
4. Excellent flexibility: it can bear repeated expansion.
5. Anti-abrasion: long working life and suitable for the environment in which it is easy to be worn.
6. Low permeability of gas: relieve the problems of leakage and pollution.
7. Good anti-solubility: no solvent leaks, therefore it will not pollute the environment.
8. Low compression: maintain excellent physical character.
9. Wide resistance: it has certain resistance to chemicals, water, fuel, oil and bacterium.

## Specification(Standard pressure type)

Tubing OD (mm)	Tubing ID (mm)	Wall Thickness (mm)	Package Length(m)	Working Pressure at 23°C(MPa)[Note2]	Burst pressure at 23°C(MPa)	Bend radius (mm)	Weight per 100M(kg)	Temperature (°C)
3.2	2.0	0.60	100/200	1.0	3.0	8	0.60	-20~70
4.0	2.5	0.75	100/200	1.0	3.0	10	0.94	
6.0	4.0	1.00	100/200	1.0	3.0	15	1.93	
8.0	5.0	1.50	100	1.0	3.0	20	3.66	
10.0	6.5	1.75	100	1.0	3.0	25	5.44	
12.0	8.0	2.00	100	1.0	3.0	35	7.56	
16.0	11.0	2.50	100	1.0	3.0	80	10.03	
3.2	2.0	0.60	20/100/200	1.0	2.5	8	0.60	-40~70
4.0	2.5	0.75	20/100/200	1.0	2.5	8	0.94	
6.0	4.0	1.00	20/100/200	1.0	2.5	12	1.91	
8.0	5.0	1.50	20/100	1.0	2.5	17	3.58	
10.0	6.5	1.75	20/100	1.0	2.5	20	5.32	
12.0	8.0	2.00	20/100	1.0	2.5	30	7.27	

## Specification(Lower pressure type)

Tubing OD (mm)	Tubing ID (mm)	Wall Thickness (mm)	Package Length(m)	Working Pressure at 23°C(MPa)[Note2]	Burst pressure at 23°C(MPa)	Bend radius (mm)	Weight per 100M(kg)	Temperature (°C)
8.0	5.5	1.25	100	0.8	2.0	20	3.25	-20~70
8.0	6.0	1.00	100	0.4	1.5	25	2.70	
10.0	8.0	1.00	100	0.4	1.5	40	3.47	
12.0	10.0	1.00	100	0.4	1.5	60	4.24	
16.0	12.0	2.00	100	0.4	2.0	80	8.32	
8.0	5.5	1.25	20/100	0.8	1.5	17	3.18	-40~70