

Polyurethane re-coil hosepart

US98A, UE95A Series



Product feature

1. Plastic polyurethane material conforms to the ROHS environment protection requirement.
2. High elasticity: small bend radius enables PU tube to pass through the tight space.
3. Anti-knot: better anti-knot effect than other plastic tube.
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)

Type [Note1]	Tube OD (mm)	Tube 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)
US98A040025□□	4.0	2.5	0.75	200	1.0	3.0	10	0.94	-20~70
US98A060040□□	6.0	4.0	1.00	200	1.0	3.0	15	1.93	
US98A080050□□	8.0	5.0	1.50	100	1.0	3.0	20	3.66	
US98A100065□□	10.0	6.5	1.75	100	1.0	3.0	25	5.44	
US98A120080□□	12.0	8.0	2.00	100	1.0	3.0	35	7.56	
US98A160110□□	16.0	11.0	2.50	100	1.0	3.0	80	10.03	
UE95A040025□□	4.0	2.5	0.75	200	1.0	2.5	8	0.94	-40~70
UE95A060040□□	6.0	4.0	1.00	200	1.0	2.5	12	1.91	
UE95A080050□□	8.0	5.0	1.50	100	1.0	2.5	17	3.58	
UE95A100065□□	10.0	6.5	1.75	100	1.0	2.5	20	5.32	
UE95A120080□□	12.0	8.0	2.00	100	1.0	2.5	30	7.27	

[Note1] The first square of "□□" in the type column is for ordering code "unit" and the second is for "color". Blue, black, orange and clear are standard colors. Individual orders shall be placed for other colors.

[Note2] Working pressure:3 to 1 safety factor.

Specification(Lower pressure type)

Type [Note1]	Tube OD (mm)	Tube 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)
US98A080055□□	8.0	5.5	1.25	100	0.8	2.0	20	3.25	-20~70
US98A080060□□	8.0	6.0	1.00	100	0.4	1.5	25	2.70	
US98A100080□□	10.0	8.0	1.00	100	0.4	1.5	40	3.47	
US98A120100□□	12.0	10.0	1.00	100	0.4	1.5	60	4.24	
US98A160120□□	16.0	12.0	2.00	100	0.4	2.0	80	8.32	
UE95A080055□□	8.0	5.5	1.25	100	0.8	1.5	17	3.18	-40~70

[Note1] The first square of "□□" in the type column is for ordering code "unit" and the second is for "color". Blue, black, orange and clear are standard colors. Individual orders shall be placed for other colors.

[Note2] Working pressure:3 to 1 safety factor.

Ordering code

US98A 060 040 100M BU



① Model	② Tube OD	③ Tube ID	④ Material length	⑤ Standard color [Note1]
US98A: Ester Base, Shore A98 ± 2	040: Φ4.0mm 060: Φ6.0mm	025: Φ2.5mm 040: Φ4.0mm 050: Φ5.0mm 055: Φ5.5mm 060: Φ6.0mm 065: Φ6.5mm	100M: 100 m/coil 200M: 200 m/coil	BU: Blue BK: Black GE: Orange CR: Clear WH: White CB: Clear Blue R: Red Y: Yellow GA: Gray
UE95A: Ether Base, Shore A95 ± 2		080: Φ8.0mm 100: Φ10.0mm 120: Φ12.0mm	200M: 200 m/coil	
US98A: Ester Base, Shore A98 ± 2	080: Φ8.0mm 100: Φ10.0mm 120: Φ12.0mm	080: Φ8.0mm 100: Φ10.0mm 110: Φ11.0mm 120: Φ12.0mm	100M: 100 m/coil	
UE95A: Ether Base, Shore A95 ± 2				
US98A: Ester Base, Shore A98 ± 2	160: Φ16.0mm			

[Note1] Blue, black, orange and clear are standard colors. Individual orders shall be placed for other colors.