

Polyurethane re-coil hosepart



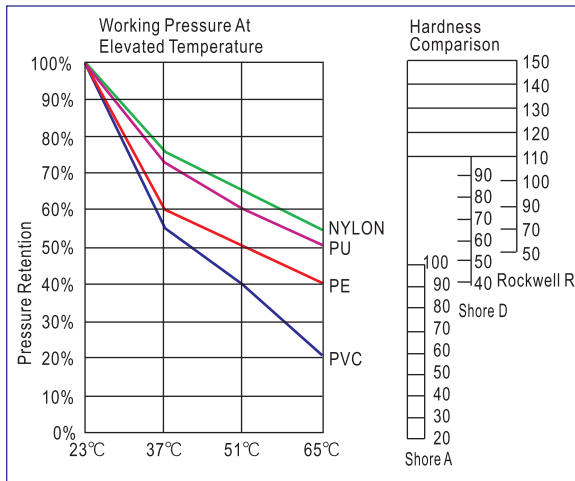
UCS, UCE Series



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.

Technical chart



Specification

Number ①	Tube OD (mm)	Tube ID (mm)	Working Pressure at 23°C(bar) ②	Burst pressure at 23°C(bar)	Bend radius(mm)	Material Length(kg)	Temperature (°C)
UCS080050□060□□	8.0	5.0	8.0	35	38	6	-20~70
UCS080050□090□□	8.0	5.0	8.0	35	38	9	
UCS080050□120□□	8.0	5.0	8.0	35	38	12	
UCS080050□150□□	8.0	5.0	8.0	35	38	15	
UCS080055□060□□	8.0	5.5	6.0	24	38	6	
UCS080055□090□□	8.0	5.5	6.0	24	38	9	
UCS080055□120□□	8.0	5.5	6.0	24	38	12	
UCS080055□150□□	8.0	5.5	6.0	24	38	15	
UCS100065□060□□	10.0	6.5	8.0	32	50	6	
UCS100065□090□□	10.0	6.5	8.0	32	50	9	
UCS100065□120□□	10.0	6.5	8.0	32	50	12	
UCS100065□150□□	10.0	6.5	8.0	32	50	15	
UCS120080□060□□	12.0	8.0	7.5	30	60	6	
UCS120080□090□□	12.0	8.0	7.5	30	60	9	
UCS120080□120□□	12.0	8.0	7.5	30	60	12	
UCS120080□150□□	12.0	8.0	7.5	30	60	15	

Note:

- ①: "□" in the type column is for "color", and "□□" is for "coupling type" and "coupling mode". Blue, black, orange and clear are standard colors. Individual orders shall be placed for other colors.
- ②: Working pressure: 3 to 1 safety factor.
- ③: Material length: length of operating status=(0.8~0.9)xMaterial length.

Ordering code

UCS 080 050 BU 090M A 1

- Model**
 - UCS: Ester Base
 - UCE: Ether Base
- Tube OD**
 - 080: Φ8.0mm
 - 100: Φ10.0mm
 - 120: Φ12.0mm
- Tube ID**
 - 050: Φ5.0mm
 - 055: Φ5.5mm
 - 065: Φ6.5mm
 - 080: Φ8.0mm
- Standard color**
 - BU: Blue
 - BK: Black
 - GE: Orange
 - CR: Clear
 - WH: White
 - CB: Clear Blue
 - R: Red
 - Y: Yellow
- Coupling form**
 - 1: Without coupling
 - 2: With female-male coupling
 - 3: With male-male coupling
- Coupling type**
 - A: one end is 30cm and the other end is 10cm
 - B: Both of the tubes of the couplings are 10cm
 - C: Both of the tubes of the couplings are 0cm
- Material length**
 - 060M: 6m
 - 090M: 9m
 - 120M: 12m
 - 150M: 15m

① Blue, black, orange and clear are standard colors. Individual orders shall be placed for other colors.

Pipe end coupling

Male quick coupling PP40 Φ12 × Φ8	Female quick coupling SP40 Φ12 × Φ8	Male quick coupling PP30 Φ10 × Φ6.5	Female quick coupling SP30 Φ10 × Φ6.5	Male quick coupling PP20 Φ8 × Φ5	Female quick coupling SP20 Φ8 × Φ5
PP40/SP40-PU tube (12 × 8) quick coupling use		PP30/SP30-PU tube (10 × 6.5) quick coupling use		PP20/SP20-PU tube (8 × 5) quick coupling use	



PU TUBE