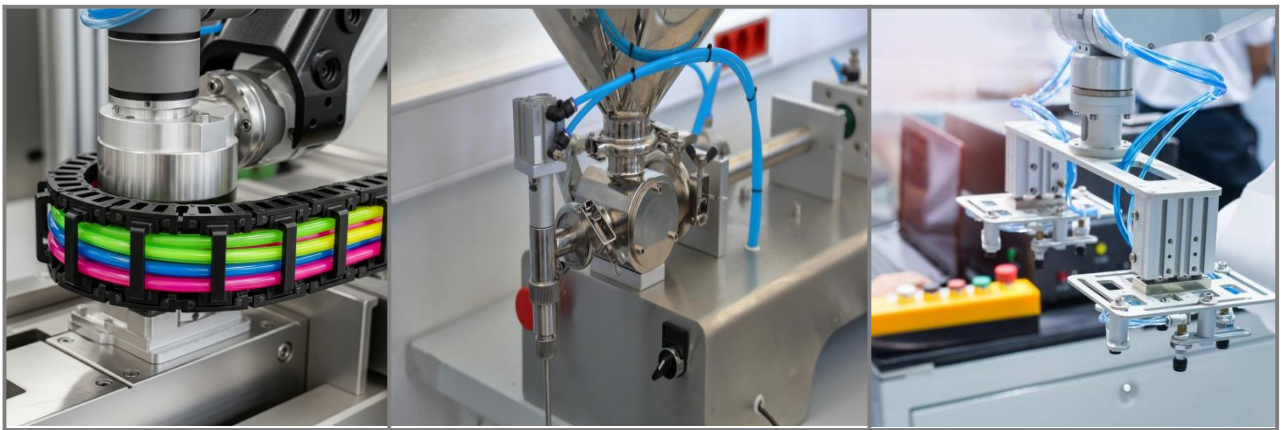


KPU98-Series Polyurethane Tubing

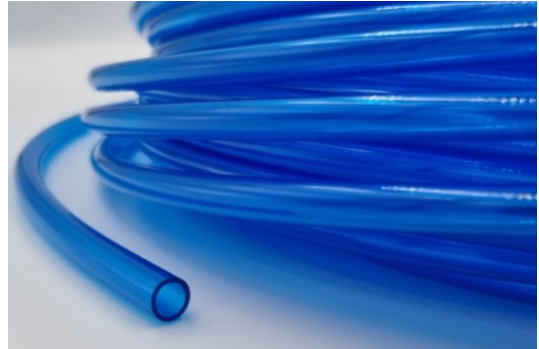


Polyurethane Tubing is an ideal choice for pneumatic applications. It combines the elasticity of rubber with the chemical resistance normally reserved for plastics. Our KPU98 series tubing is made from Thermo-Polyurethane Ester base. KPU98 series tubing offers optimum mechanical properties and very high compressive strength over a wide temperature range.

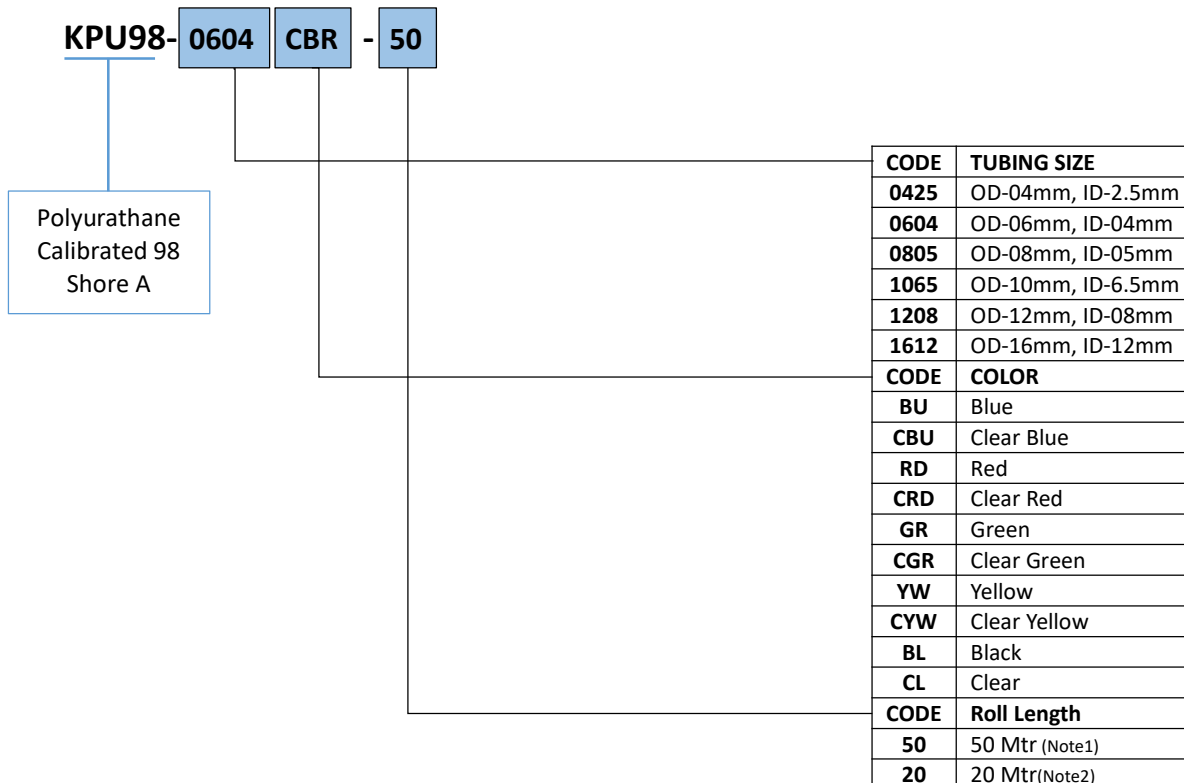
Our production system ensures tubing with calibrated OD and thickness of the wall. We ensure that tubing ovality should be within narrow limits.

Characteristics of KPU98 Series Tubing

- High Flexibility Combined with Optimum Resilience
- Plasticiser-free
- High flexibility at low temperatures
- High elongation at Break
- Good Abrasion Resistance
- Suitable for vacuum applications
- Suitable for drag chains
- Various Color Options
- Translucent Color Options Available



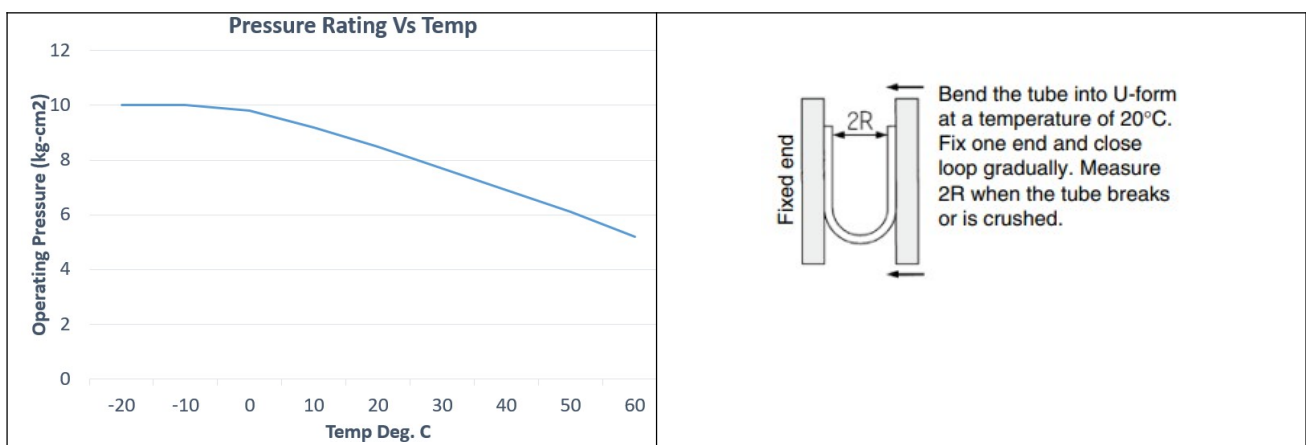
HOW TO ORDER



Note1: 0604, 0865, 1065, 1208 50 mtr roll in box packing. 0425 & 1612 50 mtr roll in polypacking.

Note2: All sizes in 20 mtr roll in polypacking.

Technical Specifications						
Model	KPU980425	KPU980604	KPU980805	KPU981065	KPU981208	KPU981612
Material	TPU (Thermo Polyurathane)					
Shore Hardness	Calibrated to 98A					
OD(mm)	4	6	8	10	12	16
ID(mm)	2.5	4	5	6.6	8	12
Bending R(mm)	10	15	20	28	35	45
Fluid	Air, Water					
Applicable Fittings	One Touch, Barb, Insert					
Operating Temp	-20°C to 60°C					
Max Op. Pressure (kg-cm2)	@ 20°C		@40 °C		60°C	
	8.5		6.9		5.2	



Precautions

Avoid exposure to concentrated acids, bases, ketones (like acetone), and aromatic hydrocarbons (like toluene), as these can cause rapid degradation.

For critical applications, conduct your own in-field tests with the actual chemicals under the operating conditions.

Consider the combined effect of temperature and pressure. The maximum pressure at 60°C will be much lower than the maximum pressure at 20°C.

Always use a radius larger than the minimum to ensure a safety margin.

In dynamic applications (where the tubing is constantly flexing), use a larger bend radius than for a static application to prevent premature fatigue and wear.

Prolonged exposure to direct sunlight and UV radiation will cause most standard PU tubing to degrade, become brittle, and discolor over time.

The tubing may contain additives or leach chemicals that can contaminate the fluid. The tubing may transfer an odor or taste to the fluid.

Disclaimer:

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