

# Polyurethane Multi-line Tubing

## UML

### Features

- Multiple Polyurethane tubes of type U2 are welded together.



### Product number table

#### ● Millimeter size type

Product number	Outer diameter × Inner diameter (mm)	Max. working pressure (MPa at 20°C)	Min. bending radius	Weight (g/m)	Standard color combination		
UML-402	4×2.5	0.8	10	18	●●		
UML-403				27	●●●		
UML-404				36	●●●●		
UML-406				54	●●●●●		
UML-602				6×4	15	38	●●
UML-603						57	●●●
UML-604	25		76			●●●●	
UML-606			114			●●●●●	
UML-802	8×5		23			70	●●
UML-803							105
				●●●●			

### Standard length

5M

### Applicable fittings

QuickSeal series  
Insertion type (brass)



QuickSeal series  
Insertion type (stainless)



Chemifit CSE series



(\*1) Combinatory use of polyurethane multiline tubing and Chemifit series mixes general and clean type performances. When using them together in a clean environment, be aware of how this could lower the cleanliness level.

### Operating fluid, working temperature range

Operating fluid	Working temperature range
Air	-40°C~+80°C

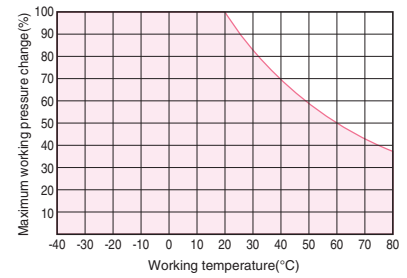
### Negative pressure performance

-101.294kPa

### Relation between the working temperature and the maximum working pressure

The maximum working pressure varies with the working temperature (environmental temperature). For use at an abnormal temperature, always check the maximum working pressure change in the graph below and keep the pressure within the indicated range.

⚠ Caution: Using tubes at a pressure outside the range may cause accidents or damage, for which Nitta is not liable.



➔ See page 10 for common instructions for tubing products.

Tubing

Clean tubing

Processed tubing

PushOne fitting

QuickSeal fitting

Clean fitting/ Chemifit

Bamboo-shoot fitting

Control switch/ Detachable series

Jig/Tool/ Accessory

Technical information

Reference