

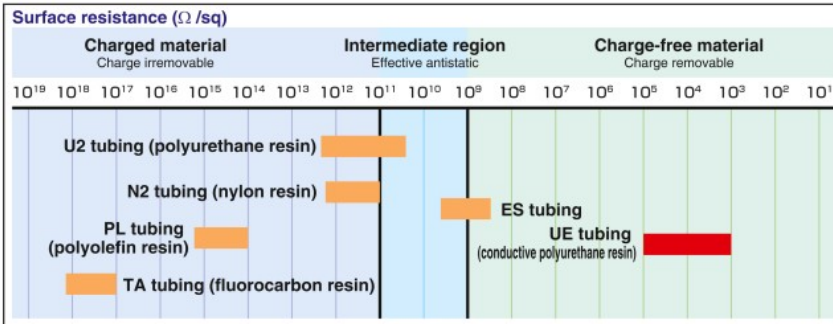
## Antistatic Tubing

# UE

For general air pressure (electrically conductive)

### Features

- Conductive polyurethane elastomer is used to prevent build-up of electrostatic charge that could result in sparks. (Surface resistance  $10^5$ - $10^3\Omega$ )
- Super flexible.



### Product number table

#### ● Millimeter size type (Group 4)

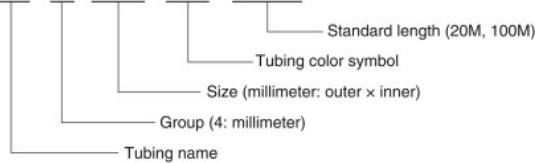
Type	Outer diameter × Inner diameter (mm)	Max. working pressure (MPa at 20°C)	Min. bending radius (mm)	Weight (g/m)	Standard color (color symbol)
					Black BK
UE-4-4×2.5	4×2.5	0.8	10	10	●
UE-4-6×4	6×4		15	20	●
UE-4-8×5	8×5		23	39	●
UE-4-10×6.5	10×6.5		30	57	●
UE-4-12×8	12×8		35	79	●

### Standard length

20M, 100M

### Product number example

**UE - 4 - 6x4 - BK - 100M**



### Operating fluid, working temperature range

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

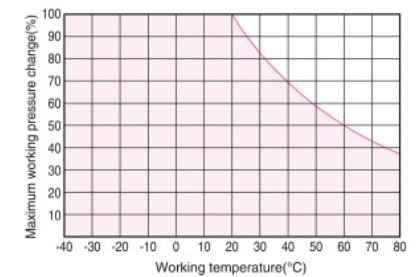
### Negative pressure performance

-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.



### Handling instructions

⚠ Caution: When the PushOne series is used with a UE tubing, choose a metal type of body including a connector and an internal connector or a brass body type from the PushOne E series to maintain electric conductivity between the tubing and the fittings.

📖 See page 10 for common instructions for tubing products.

### Applicable fittings



(\*1) When a PushOne series is used with a UE tubing, choose a metal type of body including a connector and an internal connector or a brass body type from the PushOne E series to maintain electric conductivity between the tubing and the fittings.

(\*2) Combinatory use of UE 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.

### Reference

Effective sectional area.....P.168  
Negative-pressure performance list.....P.169