

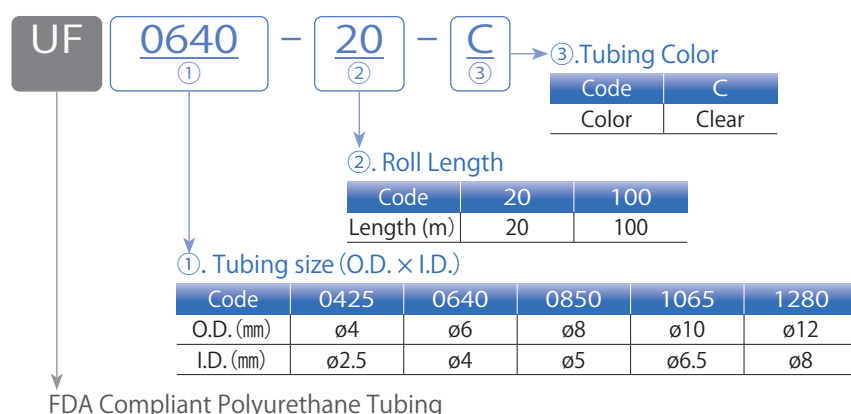
## Polyurethane Tubing (UF)

## FDA (U.S. Food and Drug Administration) Compliant

## Ideal tubing for food and drug related equipments

- ◇ Polyurethane tubing made with FDA compliant material
- ◇ In compliance with the FDA CFR.21 § 177.2600 dissolution test

## Model Designation (Example)



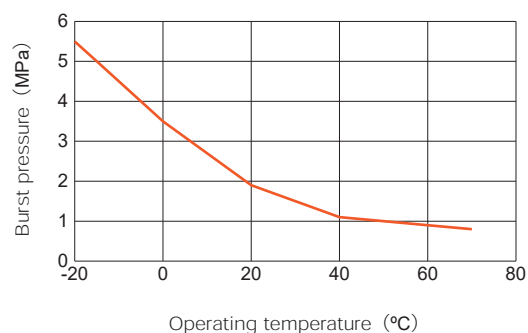
## Specification


Fluid medium	Air, Water (※1)
Max. operating pressure (at 20°C 65%RH)	1.0MPa (※2)
Max. negative pressure	-100kPa
Operating temperature range	For air : -20~70°C (No freezing) For water : -15~60°C (No freezing)

## △Warning

- ※1) Adhere to the following conditions in case the fluid medium is water.
1. Surge pressure must be controlled lower than max. operating pressure
  2. Tap water in Japan, which is soft water (low mineral content) can be used. Carry out the evaluation under an actual operating condition for using other kind of water
  3. Be sure to place Insert Ring into the tubing edge when the tubing is inserted into Push-in Fitting with water as a fluid medium
- ※2) The value of max. operating pressure is measured at 20°C 65%RH. When the tubing is used in different conditions, consider a safety ratio of the pressure with an enough margin, referring to Burst Pressure Chart. When the tubing is frequently swung and bent, there is a possibility of generating heat between molecules, and damaging the product

## Burst Pressure Chart (Reference only)



UF	Model	Price (\$) (✓1m)
	UF0425-②-C	1.32
	UF0640-②-C	2.00
	UF0850-②-C	4.23
	UF1065-②-C	5.86
	UF1280-②-C	7.64

- ※1) Fill in the roll length in ② of the model number referring to the model designation example mentioned above
- ※2) Keep the model label on the original package for your record since there is no marking of the model number on the tubing



Ensure the compatibility of the tubing referring to the chemical resistance (TPU ether) against fluid medium, operating environment and cleaning