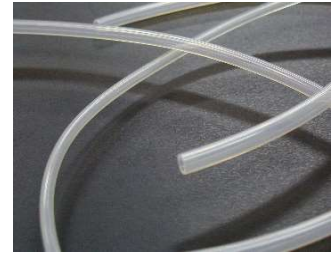


TRANS MASTER TM-50 [Single layer type]

● Uses: Transfer liquids such as chemicals and inks, tube pumps, etc.

● Characteristics

- ① It has excellent flexibility and elasticity
It can be use in tube pumps.
- ② It is resistant to many chemicals.
In particular, it shows resistance to chemicals with a strong metamorphism like acetone and MEK.
- ③ It is an olefin-based material and does not generate harmful gases when incinerated.
- ④ Complies with the Food Sanitation Law (Ministry of Health and Welfare Public Notice No. 370).
- ⑤ Maximum temperature 53°C



Color Tone: Milky White

[Standard size]

φ4.0mm×6.0mm

※ Other sizes on request
Standard length : 50m

◇ Tube pump durability (factory evaluation)

Test method: [Rotation speed 150 rpm], [Roll number 2], [DC24V power supply], [Fluid; Water]

Product Name	Size	Durability
TRANS MASTER TM-50	φ 4.0mm × 6.0mm	No cracks in 2000 hours

◇ Chemical Resistance

Test method: immerse the test piece in a solvent at room temperature and measure the weight one week later.

Classification	Chemical Name	TM-50	TM-15	Advance	Fluoro Rubber Tube (FKM)
Acid	Hydrochloric acid (35%)	◎	◎	◎	◎
	Sulfuric acid (98%)	◎	◎	◎	◎
	Nitric acid (70%)	◎	◎	◎	◎
	Phosphoric acid (85%)	◎	◎	◎	◎
Alkali	Sodium hydroxide (30%)	◎	◎	◎	◎
	Sodium hypochlorite	◎	◎	◎	◎
Aliphatic	N-hexane	×	△	◎	◎
	Cyclohexane	×	×	◎	◎
Aromatic	Toluene	×	×	◎	◎
	Xylene	×	×	◎	◎
Alcohol	Methanol	◎	◎	◎	◎
	Ethanol	◎	◎	◎	◎
	IPA	◎	◎	◎	◎
Ether	Diethyl ether	×	△	△	×
	Tetrahydrofuran	×	×	×	×
Ketone	Acetone	◎	◎	×	×
	Methyl ethyl ketone	◎	◎	×	×
Carboxylic acid	Acetic acid (10%)	◎	◎	△	△
	Ethyl acetate	◎	◎	×	×
	Propylene glycol monomethyl ether = acetate	◎	◎	×	×
	γ-butyrolactone	◎	◎	△	△
Amide	N, N-dimethylformamide	◎	◎	×	×
	1-methyl-2-pyrrolidone	◎	◎	×	×
Others	Dimethylsulfoxide	◎	◎	△	△
	Dimethylsulfoxide	△	△	◎	◎
	Gasoline	×	×	◎	◎

Evaluation: weight change rate ◎ Less than 5%,

○ More than 5% and less than 10%

△ 10% to less than 20%,

× 20% or more

Caution

1. The results of the above tests are created under certain conditions, so the results may differ depending on the operating environment and operating conditions of your company.

2. Before using the product, be sure to check it under its actual conditions of use

3. When used with a tube pump, cracking or damage may occur depending on the environment of use and is not guaranteed.