

## Conduit parts

RoHS

### Vinyl tube



\*Containing polyvinyl chloride

### Urethane tube



• This is a transparent tube with high flexibility.

### Urethane tube UF



- Excellent in mechanical strength and, in particular, wear resistance.
- Excellent in heat resistance and cold resistance. Operating ambient temperatures:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- Equipped with high impact resilience.
- With a small bending radius, this model offers excellent workability.

Minimum bending radius: 14 mm

### Nylon tube



- Excellent in mechanical strength and, in particular, pressure resistance, wear resistance, and resistance to fatigue from flexing.
- Excellent in heat resistance and cold resistance. Operating ambient temperatures:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- Excellent in oil resistance and chemical resistance (alkali resistance in particular).
- There is no risk of elution of hazardous substances.
- Light in weight, this model offers excellent workability.

Minimum bending radius: 50 mm

Item number	Size mm		Standard length (m)*							Color	Connectability with push-in joint	Hardness	
	Inner diameter	Outer diameter	1	2	5	10	20	50	100				
Vinyl	VT4-6	4	6	○	○	○	○	○	×	○	Clear	×	Soft ↑ ↓ Hard
	VT4-8	4	8	○	○	○	○	○	×	○		×	
	VT6-8	6	8	○	○	○	○	○	○	○		×	
	VT6-12	6	12	○	○	○	○	○	×	○		×	
Urethane	UT4-6	4	6	○	○	○	○	○	×	○		×	
	UT6-8	6	8	○	○	○	○	○	×	○		×	
Urethane UF	UF4-6	4	6	○	○	○	○	○	○	—	Black	○	Hard
Nylon	NT4-6	4	6	○	○	○	○	○	×	○	Opaque white	○	

\*If you desire a tube in a length other than above, contact us.



Caution

- Securely attach the connection part of the vinyl pipe with a hose band.
- On the base for vinyl pipe, use a vinyl pipe or rubber pipe with a wall thickness of 1 mm or higher. However, for a pressure range or line pressure of 50 kPa or higher, select a pipe with pressure resistance (including vacuum pressure), such as a vinyl pipe with a wall thickness of 2 mm or higher.
- On the base for the metallic pipe, it is possible to use both of copper pipe and aluminum pipe, but be sure to observe the outer diameter of 6 mm with a tolerance of  $\pm 0.1$  mm.
- Tighten the cap nut for metallic pipe by 3/4 to 1 turn.

List of products

WO81

WO71

FR51A

MS99

MS99S

MS61A-RA

QDP33

EMD8A

EMD7

EMT1

EMTGP1

EMT1H

EMT6

EMP5A

EMRT1

HWS15A

Accessories

Application

Precautions

Maintenance

## Warranty

### Warranty period

The warranty period for our product is one (1) year from delivery to the location specified by the orderer who makes a direct transaction with us.

### Scope of warranty

If any failure or defect attributable to us becomes clear during the above warranty period, we will repair the product or supply a substitute product free of charge. However, even during the warranty period, we will exclude the product from the scope of the warranty if the failure or defect corresponds to any of the following:

- (1) The failure or defect was caused by an unreasonable condition, environment, handling, or usage not mentioned in the instruction manual, specifications, and our product catalog.
- (2) The failure or defect was caused by a factor other than our product.
- (3) The failure or defect was caused by a modification or repair conducted by a party other than us.
- (4) The failure or defect was caused by an event that could not be foreseen at the scientific and technical levels at the time of product shipment from us.
- (5) The failure or defect was caused by an external factor not attributable to us, such as acts of God and disasters.

Please note that the warranty mentioned here means the warranty for our individual product, and damage provoked by a failure or defect of the product is excluded from the scope of the warranty.

\*This warranty is valid only in Japan.

## Application and usage

Our products are designed and manufactured as general-purpose instruments for general industries.

Therefore, our products are not intended for the following uses, and our products used in such a manner are outside the scope of application.

- (1) Equipment that is anticipated to greatly affect lives and properties, such as nuclear power generation, aviation, railways, marine vessels, vehicles, and medical devices
- (2) Utilities that include electricity, gas, and service water
- (3) Use in outdoor locations and under similar conditions or environments other than those stipulated in the instruction manual
- (4) Usage to which considerable safety consideration and attention equivalent to (1) and (2) above need to be given

## Service

### Scope of service

Because the product price does not include service expenses, such as the dispatch of engineers, we will separately charge for the expenses in the following cases:

- (1) Instruction for installation and adjustment and a witnessed test run
- (2) Maintenance inspection, adjustments, and repairs
- (3) Technical guidance and technical education
- (4) Witnessed inspections of products at our factory

<<Note>> The product specifications and information in this catalog are subject to change without prior notice for product improvement or other reasons.

● For order placement, contact

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