

## Painting Hose

A wide variety of products are prepared in this series to support manual spray, spray robot and automatic spray machines. Each product in this series has following features: swelling property is improved; inner roughness is ultimately studied to shorten the setup time; and a ground connection is added for removing the static electricity.

### FA Tube

Compared to conventional fluorine tube, the softness and smoothness of inner tube have been improved, attaining superior workability.

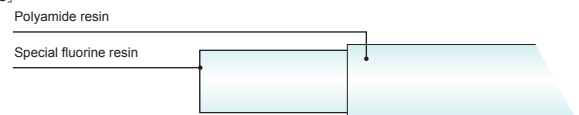


Inner fluorine resin product

Specifications: Working temperature limit: Between -20°C and +60°C

Nominal designation	Inner diameter (mm)	Outer diameter (mm)	Regular size (m)	Maximum working pressure MPa at 20°C	Minimum bending radius (mm)	Regular size weight (kg)
FA-6	4.0	6.0	100	1.2	18	2.0
FA-8	6.0	8.0	100	1.2	30	2.8
FA-10	8.0	10.0	100	1.2	50	3.5

[FA Structure]



#### Usege

For piping of paints, solvents, and paint robots, and conveyance of foods and beverages.

#### Features

Compared to conventional fluorine tubes, the retention power against burst pressure after bending the tube has been greatly upgraded.

#### Fluids



Paints



Solvents



Various foods

### Sun Paint Tube (P)

Superior in flexibility by using solvent resistant urethane resin for the outer layer. This tube is designed to improve the workability of painting processes.



Polyamide/Polyurethane resin product

Specifications: Working temperature limit: Between -20°C and +60°C

Nominal designation	Inner diameter (mm)	Outer diameter (mm)	Regular size (m)	Maximum working pressure MPa at 20°C	Minimum bending radius (mm)	Regular size weight (kg)
P-7	7.0	10.0	100	0.5	45	5.1

[P Structure]



#### Usege

Piping for paints and solvents

#### Features

Reduces the load of workers.

#### Fluids



Paints



Solvents

## Sun Paint Hose (PB-easy)

With the use of polyamide resin, the solvent resistance is significantly improved compared to conventional painting hoses.

Specifications: Working temperature limit: Between -20°C and + 60°C



Nominal designation	Inner diameter (mm)	Outer diameter (mm)	Regular size (m)	Maximum working pressure MPa at 20 °C	Minimum bending radius (mm)	Regular size weight (kg)
PB-easy-7	6.5	10.0	100	1.5	35	5.7



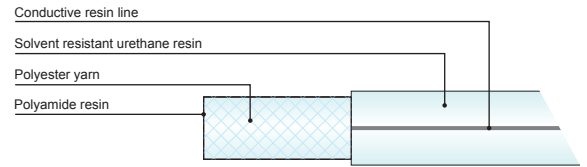
Polyamide/Polyurethane resin product

**Usege** For piping of paints and solvents

**Features** Superior in flexibility and pressure resistance, this hose will improve the workability.

**Fluids**  Paints  Solvents

[EASY Structure]



### Features

A versatile painting hose is now available!

- As a conductive sleeve is applied around the outer layer, the grounding can be completed just by tightening the metallic joint (when the resistance value is  $9 \times 10^6 \text{ W}$  or less, and the whole length is 15m or less).

## Sun Paint Hose (PB-with a ground wire)

With the use of polyamide resin, the solvent resistance is significantly improved compared to conventional painting hoses.

Specifications: Working temperature limit: Between -20°C and + 60°C

Nominal designation	Inner diameter (mm)	Outer diameter (mm)	Regular size (m)	Maximum working pressure MPa at 20 °C	Minimum bending radius (mm)	Regular size weight (kg)
PB-7	6.5	10.0	100	1.5	35	5.7



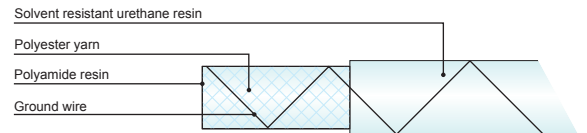
Polyamide/Polyurethane resin product

**Usege** For piping of paints and solvents

**Features** Superior in flexibility and pressure resistance, this hose will improve the workability.

**Fluids**  Paints  Solvents

[PB Structure]



## Sun Paint Hose (FUB-easy)

With the use of special resin for the outer layer, this hose is superior in significant flexibility. The fluorine resin, used for the wetted layer, will also demonstrate the significant resistance to water paints.

Specifications: Working temperature limit: Between -20°C and + 60°C

Nominal designation	Inner diameter (mm)	Outer diameter (mm)	Regular size (m)	Maximum working pressure MPa at 20 °C	Minimum bending radius (mm)	Regular size weight (kg)
FUB-easy-7	7.0	10.0	100	1.5	33	5.5



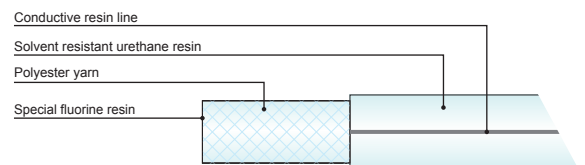
Inner fluorine resin product

**Usege** For piping of paints and solvents

**Features** The fluorine resin, used for the wetted layer, will demonstrate the significant resistance to water paints in addition to oil paints.

**Fluids**  Paints

[EASY Structure]



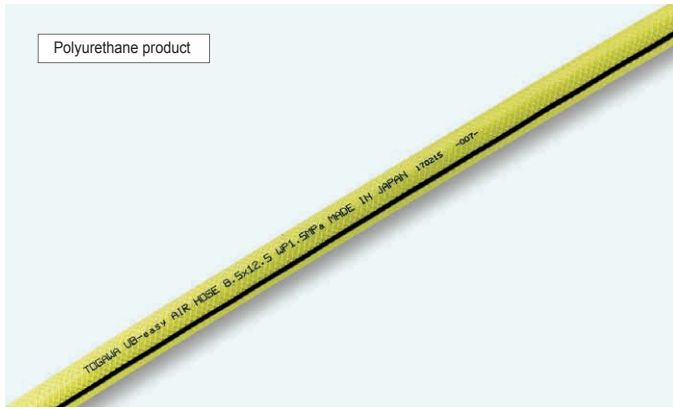
### Features

Best choice of manual paint hose!

- As the inner fluorine resin is superior in inner roughness, this hose will help to shorten the setup time for color change.

## UB-easy Air Hose

A versatile conductive air hose is now available!



Polyurethane product

**Usege** Conductive air hose for painting

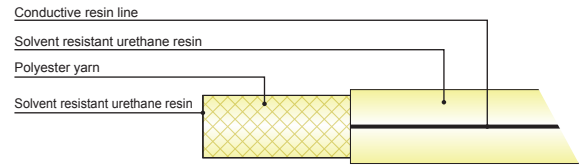
**Features** Just tighten the metal fittings! No need to bare ground wire.

**Fluids**  Air

Specifications: Working temperature limit: Between -5°C and +60°C

Nominal designation	Inner diameter (mm)	Outer diameter (mm)	Regular size (m)	Maximum working pressure MPa at 20°C	Minimum bending radius (mm)	Regular size weight (kg)
UB-6510	6.5	10.0	100	1.5	35	5.4
UB-8512	8.5	12.5	100	1.5	45	8.3

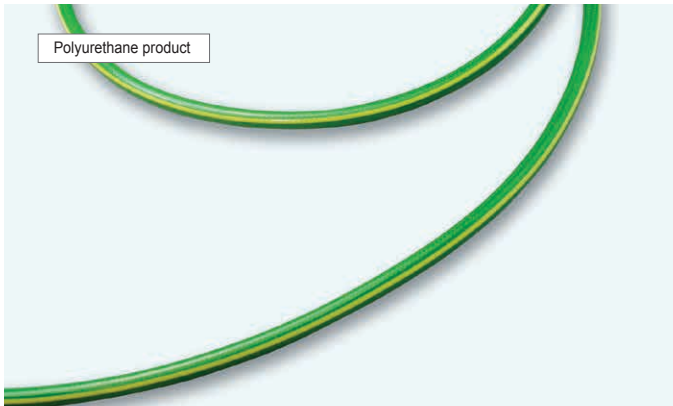
[EASY Structure]



- As a conductive sleeve is applied around the outer layer, the grounding can be completed just by tightening the metallic joint (when the resistance value is  $9 \times 10^6 \Omega$  or less, and the whole length is 15m or less).

## Conductive Air Hose (SEH)

A conductive material is used for inner layer and the grounding can be completed just by connecting a metallic joint.



Polyurethane product

**Usege** For antistatic piping of painting

**Features** Stripping off the ground wire is not necessary, which improves the workability. A reliable grounding can be achieved.

**Fluids**  Air

Specifications: Working temperature limit: Between -20°C and +60°C

Nominal designation	Inner diameter (mm)	Outer diameter (mm)	Regular size (m)	Maximum working pressure MPa at 20°C	Minimum bending radius (mm)	Regular size weight (kg)
SEH-6	6.5	10.0	100	1.5	35	5.7
SEH-8	8.5	12.5	100	1.5	45	8.4

Electric resistance value ( $\Omega$ )

Nominal designation	Length of hose (m)	
	10m	20m
SEH-6	$1.0 \times 10^5$	$2.0 \times 10^5$
SEH-8	$1.0 \times 10^5$	$1.5 \times 10^5$

\*1. Purpose: The values of electric resistance of conductive air hoses, 6.5 x 1B x 10 and 8.5 x 1B x 12.5 in 10m and 20m, are measured.

\*2. Test method: A joint (brass) is attached to the conductive air hoses, SE-H6 and SE-H8, and the electric resistance values between the hoses are measured.

## Joints for Painting Hose



Nominal designation	Joint type	Screw size	Guard spring	Conformed hose	Material
T05-6510 1/4 SB	Female	G 1/4	×		
T05-6510 1/4 SBGS	Female	G 1/4	○	PB-easy 7 PB-7	Liquid contact part: SUS304
T05-6510 3/8 SB	Female	G 3/8	×	Fub-easy 7	Nut: Brass
T05-6510 3/8 SBGS	Female	G 3/8	○		(electroless nickel plating)

Structure

