



# 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.

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	Burst pressure MPa at 20°C
FA-06	4.0	6.0	100	1.2	7.8
FA-08	6.0	8.0	100	1.2	5.8
FA-10	8.0	10.0	100	1.2	5.2



**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

### An FA tube appropriate for paint robots!



FA tube has a laminated structure in which fluorine resin is used for the inner layer and polyamide resin for the outer layer. The significant superiority of inner roughness for the fluorine resin will help shortening the setup time for color change. Compared to conventional fluorine tubes, the polyamide resin for the outer layer is superior in softness, workability, and break resistance, and helps shortening the setup time for robots, and reduces downtimes.



### Please note

For any questions and inquires please contact us by email.

**e-mail [global@togawa-sangyo.co.jp](mailto:global@togawa-sangyo.co.jp)**

- The hoses and tubes are significantly influenced by the ambient and fluid temperatures. Choose a hose which is appropriate for those conditions.
- Using hoses or tubes with less than the minimum bending radius may deteriorate the performance and shorten the product life time.
- Do not use these products in the maximum pressure limit for using with equipment that vibrates or gives impact.
- Before using hoses or tubes, never forget to check whether there are no kinks or twists.

\* Refer to the safety notice on page 25 and 26 for more details.