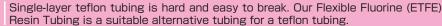
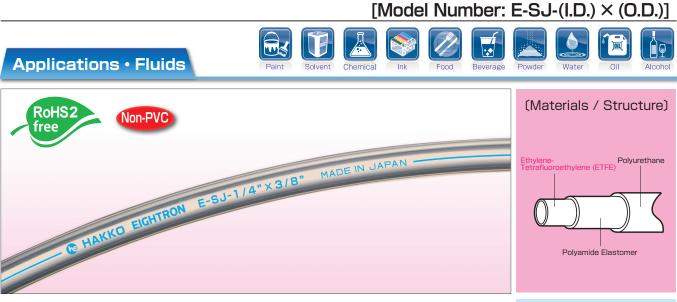
Multi-Purpose/Chemical Resistant Hose



Flexible Fluorine (ETFE) Resin Tubing Clear Inch Type



- For Industrial Ink-Jet Printers (For Ink-Supplying Pipes)
- For Transferring Paints, Solvents, and Adhesives
- For Transferring Chemicals used in Laboratory Equipment
- For Transferring Chemicals used in Semiconductor-Related Devices and Flat Panel Display (FPD) Manufacturing Devices
- For Transferring Beverage and Food
- For Transferring Fatty Acid Ester such as Biofuel (BDF)
- For Transferring Chemical and Industrial Wastes
- For Transferring Alcohol, Cosmetics, and Chemicals
- For Transferring Chemicals used in Medical Equipment, Endoscope, and so on
- For Transferring Chemicals used in Manufacturing Fuel Cell and Pure Water
- For Filling Line of Paints and Adhesives
- For Filling Line of Fragrance, Colorant, and Additive
- For Air Supplying Pipes at Clean Room

Standard • Packing Information

Model Number	I.D.	0.D.	Working Pressure MPa		Minimum Bend Radius at 20°C	Temperature Range	Standard Length	Net Weight (*1)	Color	Packing Dimension(*2)			
											Diameter (D)	Height (H)	Gross Weight
	mm	mm	at 20°C	at 80℃	mm	°C	m	kg/Roll		Form	cm	cm	kg/Box
E -SJ-1/8" × 1/4"	3.18	6.35	0~0.6		20		20	0.6		PE Bag · Paper Box	38.5	5.5	0.8
							100	3.0	Clear	PE Bag · Paper Box	38.5	15.0	3.5
E -SJ-3/16" × 1/4"	4.57	6.35	0~0.5	0~0.2	45	- 20 ~ 80	20	0.4		PE Bag · Paper Box	38.5	5.5	0.6
E-33-3/16 × 1/4	4.57	0.30	0~0.5	0~0.2	45	-20~80	100	1.9		PE Bag · Paper Box	38.5	15.0	2.4
E -SJ-1/4" × 3/8"	6.35	9.53	0~0.6		45		20	1.0		PE Bag · Paper Box	38.5	5.5	1.2
							100	5.1		Paper Bobbin • Paper Box	38.5	15.0	6.0

*1: Please note that our product has the allowance, so Net Weight will vary slightly depending on the variation of the product dimension (Inside Diameter, Outside Diameter, and Length).

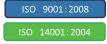
*2: "Diameter (D)" × "Height (H)" means "External Dimensions of Cardboard Box (D)" × "Height (H)."



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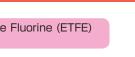


(H)



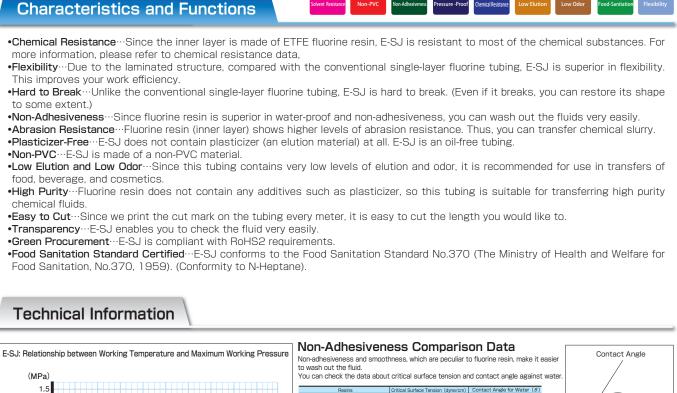
(D)

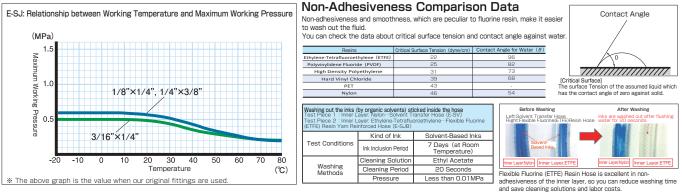
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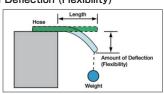
(Flexibility Comparative Data)

		(Te	est Temperature:20°C)	
 This is one indication of flexibility. Flexibility varies depending on hose 	Test Sample	Minimum Bend Radius (mm)	Amount of Deflection (mm)	
(tubing). • The larger the amount of deflection is,	① E-PD-4 × 6	23 (Catalog Value : 25)	28	
the more flexible the hose (tubing) is. *The lower the minimum bend radius	② E-SJ-4 × 6	23 (Catalog Value : 25)	31	
value is, the harder the hose (tubing) is.	③ PTFE Tubing (4 × 6)	20	7	
	④ PFATubing (4 × 6)	23	6	

Test Method for Amount of Deflection (Flexibllity)

Add a 50 gram weight to the end of the tubing for one minute. Then, measure the amount of deflection. (The test niece goes through the annealing step in advance to make it straight.)

* 3 PTFE Tubing and 4 PFA Tubing are not our products.



Cautions for using

*Due to the laminated structure tubing, please use the joints to seal an inner surface of the hose.

*Please do not use the joints to seal an outer surface of the hose. This may result in the bursting or coming off from the hose.

*We do not have the original fittings for "Flexible Fluorine (ETFE) Resin Tubing Clear Inch Type."

*When you use our products, please refer to "Precautions for Use" available on our webpage and product catalog.

*In terms of chemical resistance, please refer to "Chemical Resistance Data" available on our webpage and product catalog.

*Although the inner layer is made of fluorine, please make sure whether or not E-SJ is usable for high purity fluids before you use.

*Although the inner layer is resistance to fluids, but depending on working environments, the fluids would be permeated through the inner layer,

resulting in the danger of swelling and degradation of the middle or outer layer.

Contact us if you have any inquiries about HAKKO products



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