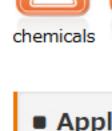
Flexible Fluorine (ETFE) Resin Tubing (Eco-Friendly Type) [Model Number: E-SJECO]

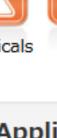


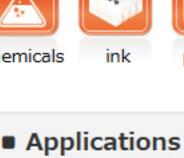
resource-derived plastics by 25%, compared to our standard product of Flexible Fluorine (ETFE) Resin Tubing [<u>E-SJ</u>]. As a manufacturer of plastic tubing and hoses, HAKKO continues to develop environmental-friendly products to contribute to a sustainable world.

Single-layer teflon tubing is hard (stiff) and easy to break. Our Flexible Fluorine (ETFE) Resin Tubing (Eco-Friendly Type) is a sustainable tubing that is alternative for a teflon tubing.

Fluids

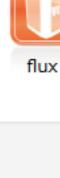


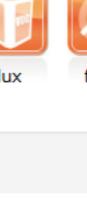




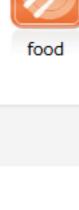


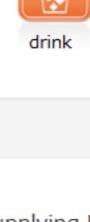






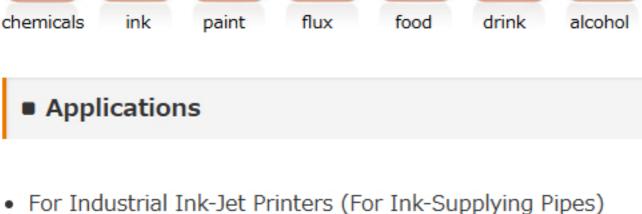
For Transferring Chemicals used in Laboratory/Medical Equipment

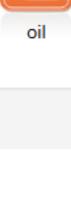


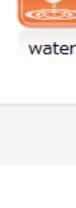


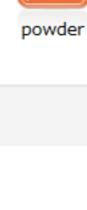
For Transferring Chemicals used in Semiconductor-Related Devices and Flat Panel Display (FPD)

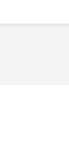
For Printing Head, Wide-Format Ink-Jet Printers, Textile Printers, Ceramic Tile Printers, 3D Printers











· For Transferring Inks and Solvents For Transferring Beverage and Food

Manufacturing Devices

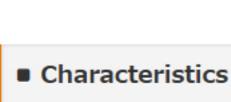
Non-PVC

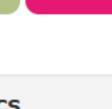
- For Transferring Chemicals used in Manufacturing Fuel Cell and Pure Water
- For Filling Line of Paints and Adhesives
- Functions

Alcohol Resistance

Food-Sanitation

Solvent Resistance





Ink Resistance

Flexibility

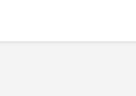


Washability

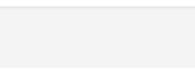


Non-Adhesiveness Chemical Resistance

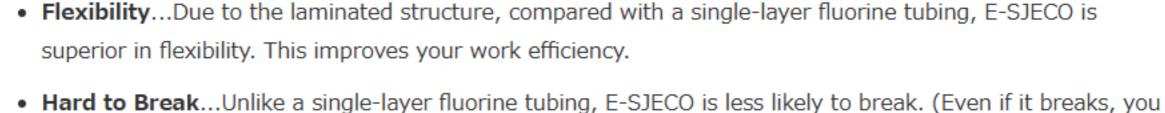
Transparency



Oil-Proof



Low Elution



can restore its shape to some extent.)

recommended for use in transfers of cosmetics.

PCTP and HCBD. Certificate is available on request.

System (PL), please download here.

Packing Images

even transfer chemical slurry.

is available on request.

the chemical substances.

the fluids very easily. • Abrasion Resistance...Fluorine resin (inner layer) shows high levels of abrasion resistance. Thus, you can

• Higher Non-Adhesiveness...Since ETFE fluorine resin is superior in terms of water-proof, you can wash out

• Plasticizer-Free...E-SJECO does not contain plasticizer (an elution material) at all. E-SJECO is an oil-free tubing.

• Low Elution and Low Odor...Since E-SJECO contains very low levels of elution and odor, it is highly

transferring high purity chemical fluids. • Transparency...E-SJECO enables you to check the fluid very easily.

• High Purity...Fluorine resin does not contain any additives such as plasticizer, so E-SJECO is suitable for

Certificates and Regulations

• Original Fittings...By using our original fittings, you can avoid accidents which are caused by incorrect

choices of hose and fittings. For more information on our original fittings, please scroll down to the end.

Compliant means that E-SJECO does not contain RoHS 10 restricted substances or it does not exceed the upper threshold of RoHS 10 restricted substances.) Certificate is available on request.

Non-Use of UV-328...E-SJECO does not contain UV-328. Certificate is available on request.

• EU REACH and UK REACH...E-SJECO is compliant with REACH SVHC 31st list (242 substances). Certificate

• TSCA (Toxic Substance Control Act) Compliance...E-SJECO does not use decaBDE, PIP(3:1), 2,4,6-TTBT,

RoHS Compliant...E-SJECO is compliant with RoHS requirements (Directive: (EU) 2015/863). (RoHS

• PFOA and POFS...E-SJECO does not contain perfluorocarboxylic acids (PFCAs C 9 - C 14), their salts or PFCA-related substances. Certificate is available on request.

• Food Sanitation...E-SJECO conforms to the Food Sanitation Law No.380 (No.380 of the Ministry of Health

and Welfare for Food Sanitation) (Conformity to N-Heptane) and the Partial Revision of Standards for Food

and Additives (Positive List System) [No.324 of the Ministry of Health, Labour, and Welfare]. Regarding the

conformity of "Partial Revision of the Food Sanitation Law" (Effective on June 1, 2020) and Positive List

• Regulation (EC) No 1935/2004 and (EU) No 10/2011...An inner layer of E-SJECO is compliant with (EC) No 1935/2004 and (EU) No 10/2011.

Compliance with ADI/TSE/BSE Free...An inner layer of E-SJECO does not contain ADI, TSE, and BSE.

Model

Standard Size

Product Standard

E-SJECO-6×8	20		6×8			
E-3JECO-6 X 6	100					
Made-to-Order Size Example						
Model Number		I.D. × O.D.				
		mm				
SJECO-1×3		1×3				

Standard

Length

Number					20°C		20°C	20°0	С
	m	1	mm		MPa		Bar	mm	1
E-SJECO-4×6	20	0 4×6			0 - 0.6		0 - 6	25	
L-33LCO-4×0	10	0	420		0 - 0.0		0 - 0	2.3	
E-SJECO-6×8	20)	6×8		0 - 0.4		0 - 4	50	
L-33LCO-0×6	10	0	0.00		0 - 0.4		0 - 4	30	
e-to-Order Size E	xample								
Model		I.D. \times O.D.		Working Pressure			Working Pressure	Minimu Bend Radius	
Number					20°C		20°C	20°C	
		mm			MPa		Bar	mm	
SJECO-1×3			1×3		0 - 1.0		0 - 10	10	

0 - 0.6

0 - 0.6

0 - 0.6

0 - 0.6

0 - 0.6

0 - 0.6

0 - 0.6

0 - 0.4

0 - 0.4

0 - 0.6

0 - 0.5

0 - 0.6

0 - 0.6

I.D. \times O.D.

Working

Pressure

Working

Pressure

0 - 6

0 - 6

0 - 6

0 - 6

0 - 6

0 - 6

0 - 6

0 - 4

0 - 4

0 - 6

0 - 5

0 - 6

0 - 6

Minimum

Bend

Radius

10

25

30

20

30

35

50

90

50

65

20

45

SJECO-1/8"×1/4" 3.18×6.35 SJECO-1/4"×3/8" 6.35×9.53

• Temperature Range: -20 -· Color: Clear

SJECO-5×8
SJECO-5×8
SJECO-7×10
SJECO-8×10

SJECO-8×12

SJECO-9×12

SJECO-1.5×3

SJECO-2×4

SJECO-2.5×4

SJECO-3×4

SJECO-3×5

- 80 °C (-4°F - 176°F)	

1.5×3

2×4

2.5×4

3×4

 3×5

5×8

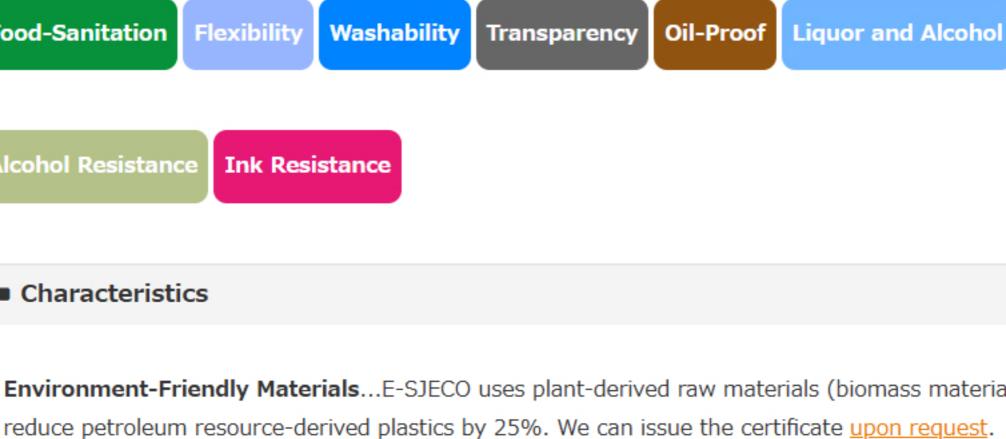
6×9

7×10

8×10

8×12

9×12





Low Odor

