

Food Grade Hose

Special, oil-proof plasticizer leads to the improvement in durability

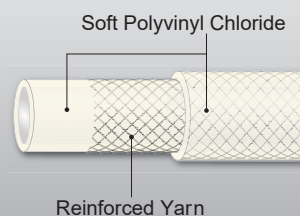
SUNFOODS HOSE

[Model Number: E-SF-(I.D.)]

Applications • Fluids

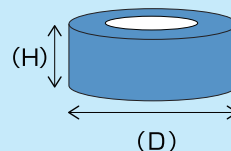


(Materials / Structure)



- For Transferring Food, Beverage, Liquor, and Brewing
- For Pipes at Laboratory Equipment
- For Cleaning Hose at the Factory
- For Transferring Food Grade Oil and Mineral Oil

(Packing Dimension)



Standard • Packing Information

Model Number	Inch (Inside Diameter) (*1)	I.D. × O.D. mm	Working Pressure MPa		Minimum Bend Radius at 20°C mm	Temperature Range °C	Standard Length m	Product Weight kg/roll	Color	Packing Dimension			
			at 20°C	at 70°C						Packing	Diameter (D) cm	Height (H) cm	Weight/roll kg/roll
E-SF-6	1/4	6 × 11			35		100	8.55			51	12	8.55
E-SF-8	5/16	8 × 13.5		0 ~ 0.6	50		100	11.89			51	19	11.89
E-SF-9	3/8	9 × 15			55		100	14.48			54	19	14.48
E-SF-10	13/32	10 × 16			60		100	15.69			55	19	15.69
E-SF-12	1/2	12 × 18	0 ~ 1.0	0 ~ 0.5	70		100	18.11			62	19	18.11
E-SF-15	5/8	15 × 22			80	0 ~ 70	50	13.03	Clear	Film Wrapping	54	19	13.03
E-SF-19	3/4	19 × 26			115		50	15.84			62	22	15.84
E-SF-25	1	25 × 33		0 ~ 0.4	150		50	23.34			82	22	23.34
E-SF-32	1 1/4	32 × 41			190		40	26.43			95	28	26.43
E-SF-38	1 1/2	38 × 50	0 ~ 0.5	0 ~ 0.3	230		40	42.49			98	32	42.49
E-SF-50	2	50 × 63	0 ~ 0.3	0 ~ 0.2	300		40	59.10			127	31	59.10

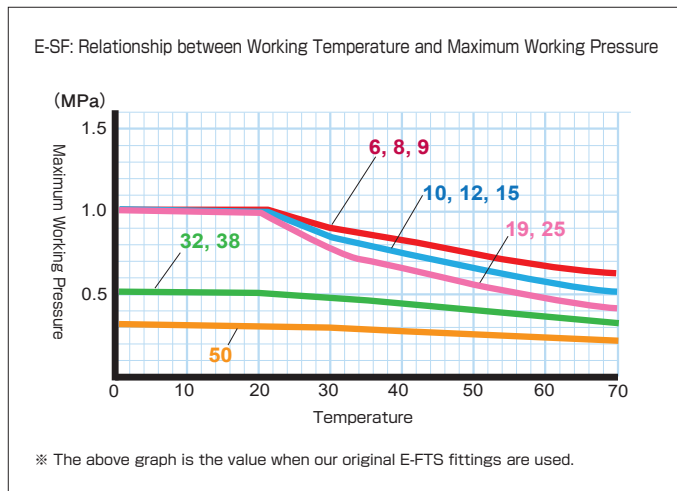
*1: Please note that inch size is approximate, which is not equal to millimeter.

Characteristics and Functions







- Food-Sanitation
- Transparency
- Flexibility
- Pressure-Proof
- Oil-Proof
- Non-Phthalic Acid
- Liquor and Alcohol

- **Food Grade**...It is superior in flexibility and can transfer hot water (up to 70°C), food, beverage, fatty foods.
- **Pressure-Proof**...I.D. Size (φ 6.0 ~ φ 25mm) can stand up to 1.0 MPa (at 20°C) working pressure.
- **Oil-Proof**...Due to the high polymer oil-proof plasticizer, hose does not become hardened even though the fluid is other than food grade oil.
- **Easy to Cut**...Since we print the cut mark on the hose every meter, it is easy to cut the length you would like to.
- **Transparency**...E-SF (natural color) enables you to check the fluid and hose conditions easily.
- **Green Procurement**...E-SF is compliant with RoHS2 requirements (directive 2011/65/EU:RoHS2). (RoHS 2 free products mean that they do not contain or below the threshold of 10 substances.)
- **Original Fittings**...By using our original fittings, you can avoid accidents which are caused by incorrect choices of hose and fittings.
- **Food Sanitation**...E-SF conforms to the Food Sanitation Standard No.370 (The Ministry of Health and Welfare for Food Sanitation, No.370, 1959). (Conformity to N-Heptane). Please contact us regarding the conformity of "Partial Revision of the Food Sanitation Law" (Effective on June 1, 2020) and Positive List System (PL).
- **Hose Cap**...By sealing the hose end by hose cap, the inclusion of foreign matter is prevented. (Only Packed in the Standard Length).

Technical Information



HAKKO Original Fittings

Model	Features	Model	Features
EIGHTLOCK FERRULE (E-ELF) 	<ul style="list-style-type: none"> • Material : Body: SCS16, Nut and Ring: SCS13 (Sleeve: POM) • You can replace a hose even though the hose needs replacement, since EIGHTLOCK Ferrule Fitting is a nut ferrule fitting. You can install and detach the fitting on site. • You can make use of a wide range of usages such as pipes for chemicals, food, beverage, and alcohol. • The nipple end is less likely to accumulate fluids, so you do not have to worry about contamination very much. 	EIGHTNIPPLE S (E-FTS) 	<ul style="list-style-type: none"> • Material : SUS316L • SUS 316L is superior in corrosion resistance, so you can transfer a wide range of fluids. • Two-stage flat nipple structure which maximizes hose pressure • Our Original Barb Nipple Fittings
EIGHTLOCK S (E-ELS) 	<ul style="list-style-type: none"> • Material : SUS304 • Our Nut Type Original Fittings • Since the inner layer of the fitting is flat and does not use the rubber packing, fluid accumulation is unlikely to occur. Thus, it is easy to wash out. • Since you do not need hose clamp and the controlling torque value, you can standardize how to install the fitting. 	EIGHTNIPPLE B (E-FTB) 	<ul style="list-style-type: none"> • Material : BSBM • Compliant with RoHS2 requirement • Two-stage flat nipple structure which maximizes hose pressure • Our Original Barb Nipple Fittings
EIGHTLOCK B (E-ELB) 	<ul style="list-style-type: none"> • Material : BSBM • Our Nut Type Original Fittings • Since the inner layer of the fitting is flat and does not use the rubber packing, fluid accumulation is unlikely to occur. Thus, it is easy to wash out. • Since you do not need hose clamp and the controlling torque value, you can standardize how to install the fitting. 	Protective Spring Guards (E-HSL) 	<ul style="list-style-type: none"> • Material : SUS304 (Band, Spring, Fastener) • Spring guards prevent kinking, so you can transfer fluids safely. • Prevent kinking even if the bending radius is small due to the space-saving piping. • As a protection accessory for cleaning hose if its hose is easy to break at hand.

*For EIGHTNIPPLE, please fasten with two clamps.

- ⚠ *Due to the yarn-reinforced hose, 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.
- *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.

Contact us if you have any inquiries about HAKKO products.

HAKKO
CORPORATION

HAKKO CORPORATION

HEAD OFFICE / SALES DEPARTMENT

Unity Forum 5F, 42-18, 1-Chome, Itabashi, Itabashi-Ku, Tokyo 173-0004, Japan
TEL +81-(0)3-3963-5381 FAX +81-(0)3-3961-4400

OSAKA OFFICE

Akatsuki Building 7F, 13-45, Toyotsu-cho, Suita-shi, Osaka 564-0051, Japan
TEL +81-(0)6-6310-6880

SAITAMA FACTORY · AKITA FACTORY

URL: <https://hakko-eightron.com/>