

Industrial Hose

Pressure-proof braided , MADE IN JAPAN hose, which is superior in flexibility and cost-saving

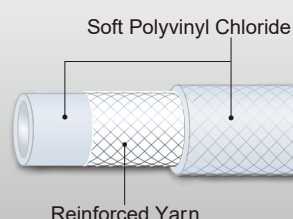
PRESSURE HOSE

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

Applications • Fluids

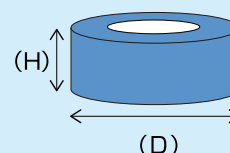


(Materials / Structure)



- For Transferring Air, Water, Oil, and Chemicals at Machine Tools, Molding Machines, and Industrial Equipment
- For Transferring Fluids by Pump and Compressor
- For Temporary Pipes at Engineering Works and Construction Sites
- For Protection of Thin Rods such as Pipes

(Packing Dimension)



Standard • Packing Information

Model Number	Inch (Inside Diameter) (*1)	I.D. × O.D.	Working Pressure MPa		Minimum Bend Radius at 20℃	Temperature Range	Standard Length	Product Weight	Color	Packing Dimension			
			mm	at 20℃						at 60℃	Packing	Diameter (D) cm	Height (H) cm
		E-TB-4	5/32	4 × 9			30			100	6.25		Film Wrapping
E-TB-6	1/4	6 × 11			40		100	8.18	Paper Bobbin	37	12		6.57
										Film Wrapping	51	12	8.18
										Paper Bobbin	44	22	8.73
E-TB-8	5/16	8 × 13.5			55		100	11.38		Film Wrapping	51	19	11.38
										Paper Bobbin	44	22	11.93
E-TB-9	3/8	9 × 15		0 ~ 0.7	65		100	13.86		Film Wrapping	54	19	13.86
										Paper Bobbin	44	22	14.41
E-TB-10	13/32	10 × 16	0 ~ 1.0		70		100	15.01	Clear Blue	Film Wrapping	55	19	15.01
										Paper Bobbin	44	22	15.57
E-TB-12	1/2	12 × 18			85	0 ~ 60	100	17.32		Film Wrapping	62	19	17.32
										Paper Bobbin	51	22	17.97
E-TB-15	5/8	15 × 22			105		100	24.92		Film Wrapping	70	22	24.92
							50	24.92		Paper Bobbin	44	22	25.48
E-TB-19	3/4	19 × 26			135		50	15.15		Film Wrapping	62	22	15.15
				0 ~ 0.6						Paper Bobbin	51	21	15.81
E-TB-21.5	27/32	21.5 × 29			155		50	18.22		Film Wrapping	65	20	18.22
E-TB-25	1	25 × 33			175		50	22.32		Film Wrapping	82	22	22.32
E-TB-32	1 1/4	32 × 41	0 ~ 0.5	0 ~ 0.35	225		50	31.61		Film Wrapping	95	28	31.61
E-TB-38	1 1/2	38 × 48			265		50	41.37		Film Wrapping	98	32	41.37
E-TB-50	2	50 × 62	0 ~ 0.3	0 ~ 0.2	350		40	51.73		Film Wrapping	127	31	51.73
E-TB-63	2 1/2	63 × 80	0 ~ 0.2	0 ~ 0.1	440		20	46.78		Film Wrapping	121	32	46.78
E-TB-75	3	75 × 92			525		20	54.63		Film Wrapping	123	37	54.63

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

Characteristics and Functions

Transparency

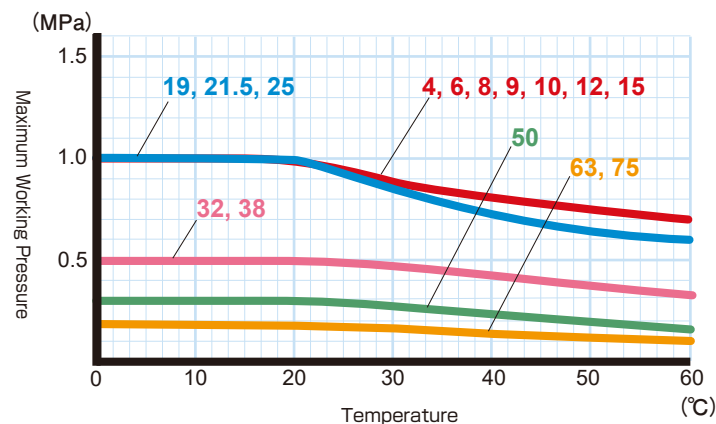
Flexibility

Pressure-Proof







- Long Duration**...E-TB is a pressure-proof hose which is designed for industry purposes. Thus, it shows longer duration.
- High Trust**...E-TB has been sold for fifty years. E-TB is made in Japan, a reliable braided hose.
- Lightweight**...E-TB is very lightweight and flexible, compared with rubber hose.
- Pressure-Proof**...I.D. Size (ϕ 4.0 ~ ϕ 25mm) can stand up to 1.0 MPa (at 20°C) working pressure.
- 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-TB (clear blue color) enables you to check the fluid very easily.
- Green Procurement**...E-TB is compliant with RoHS2 requirements.
- Original Fittings**...By using our original fittings, you can avoid accidents which are caused by incorrect choices of hose and fittings.
(Size Available: ϕ 6.0 ~ ϕ 50 mm)

Technical Information

E-TB: Relationship between Working Temperature and Maximum Working Pressure



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.

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