

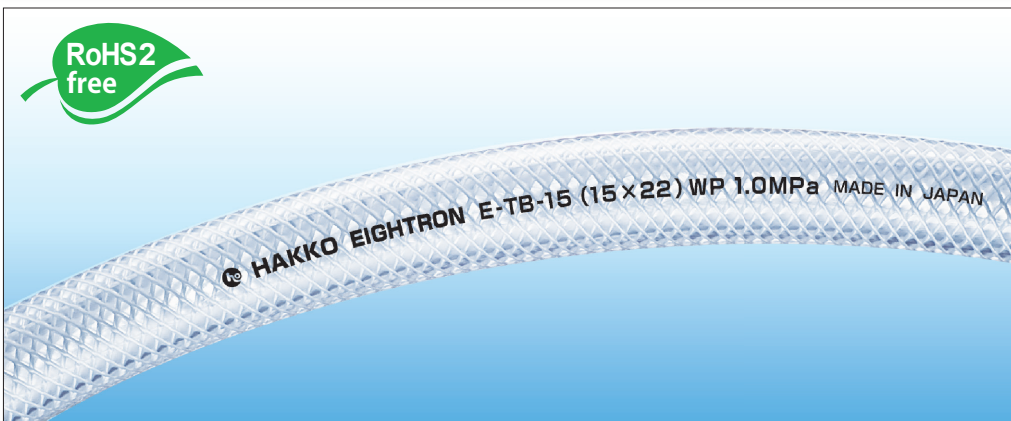
Industrial Hose

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

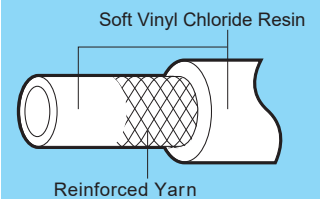
# PRESSURE HOSE

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

Applications • Fluids

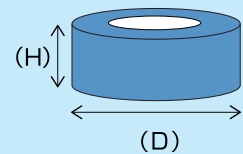


(Materials / Structure)



Reinforced Yarn

(Packing Dimension)



- 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

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 60°C						Packing	Diameter (D) cm	Height (H) cm	Weight/roll kg/roll
E-TB-4	5/32	4 × 9			30		100	6.25		Film Wrapping	48	12	6.25
										Paper Bobbin	37	12	6.57
E-TB-6	1/4	6 × 11			40		100	8.18		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		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	Clear Blue	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
										Paper Bobbin	51	21	15.81
E-TB-21.5	27/32	21.5 × 29		0 ~ 0.6	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			225		50	31.61		Film Wrapping	95	28	31.61
E-TB-38	1 1/2	38 × 48	0 ~ 0.5	0 ~ 0.35	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

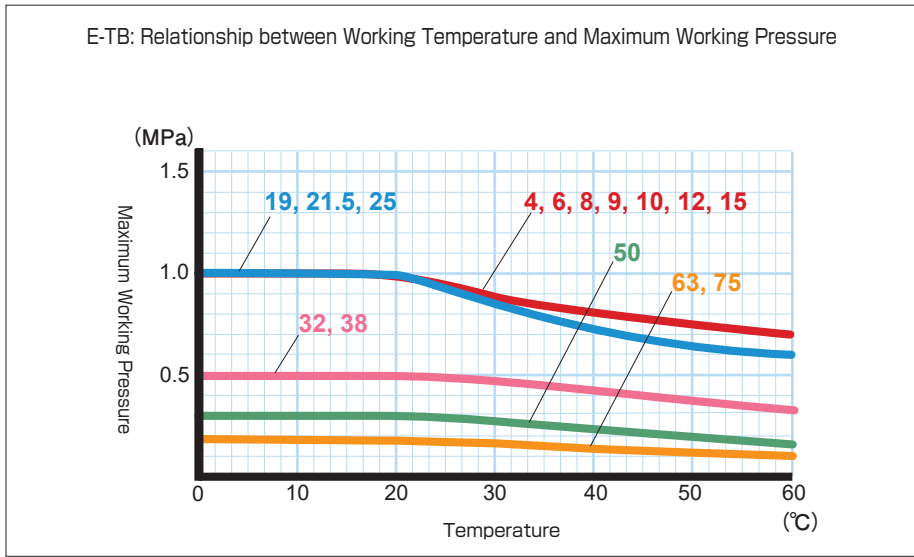
\*1: Please note that inch size is approximate, which is not equal to millimeter.

- Transparency
- Pressure-Proof
- Flexibility







## Characteristics and Functions

- 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 (  $\phi$  4.0 ~  $\phi$  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:  $\phi$  6.0 ~  $\phi$  50 mm)

## Technical Information



## HAKKO Original Fittings

Model	Features	Model	Features
 <b>EIGHTLOCK FERRULE (E-ELF)</b>	<ul style="list-style-type: none"> <li>• Material : Body, SCS16, Nut and Ring: SCS13 (Sleeve: POM)</li> <li>• 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.</li> <li>• You can make use of a wide range of usages such as pipes for chemicals, food, beverage, and alcohol.</li> <li>• The nipple end is less likely to accumulate fluids, so you do not have to worry about contamination very much.</li> </ul>	 <b>EIGHTNIPPLE S (E-FTS)</b>	<ul style="list-style-type: none"> <li>• Material : SUS316L</li> <li>• SUS 316L is superior in corrosion resistance, so you can transfer a wide range of fluids.</li> <li>• Two-stage flat nipple structure which maximizes hose pressure</li> <li>• Our Original Barb Nipple Fittings</li> </ul>
 <b>EIGHTLOCK S (E-ELS)</b>	<ul style="list-style-type: none"> <li>• Material : SUS304</li> <li>• Our Nut Type Original Fittings</li> <li>• 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.</li> <li>• Since you do not need hose clamp and the controlling torque value, you can standardize how to install the fitting.</li> </ul>	 <b>EIGHTNIPPLE B (E-FTB)</b>	<ul style="list-style-type: none"> <li>• Material : BSBM (Brass Cadmium Less than 75ppm)</li> <li>• Compliant with RoHS2 requirement.</li> <li>• Two-stage flat nipple structure which maximizes hose pressure</li> <li>• Our Original Barb Nipple Fittings</li> </ul>
 <b>EIGHTLOCK B (E-ELB)</b>	<ul style="list-style-type: none"> <li>• Material : BSBM (Brass Cadmium Less than 75ppm)</li> <li>• Our Nut Type Original Fittings</li> <li>• 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.</li> <li>• Since you do not need hose clamp and the controlling torque value, you can standardize how to install the fitting.</li> </ul>	 <b>Protective Spring Guards (E-HSL)</b>	<ul style="list-style-type: none"> <li>• Material : SUS304 (Band, Spring, Fastener)</li> <li>• Spring guards prevent kinking, so you can transfer fluids safely.</li> <li>• Prevent kinking even if the bending radius is small due to the space-saving piping.</li> <li>• As a protection accessory for cleaning hose if its hose is easy to break at hand.</li> </ul>

\*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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# HAKKO

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