

Air Hose

PVC Air Hose; Flexible, but Hard to Kink

# TETO COLOR S Hose

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

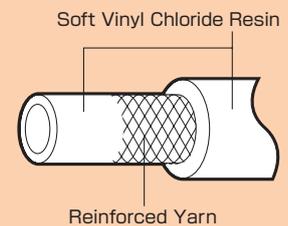


## Applications • Fluids

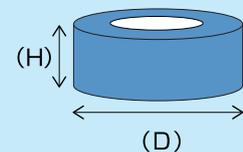


- For Air Hose at the Factory Equipment Pipes
- For Air Tools such as Automobile Body Shop
- For Air Hose such as Air Inflator and Air Compressor

### (Materials / Structure)



### (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(*2)			
			at 20°C	at 60°C						Packing	Diameter (D) cm	Height (H) cm	Weight/roll kg/roll
E-TCS-6	1/4	6.5 × 12.5			40			11.06			44	13	11.53
E-TCS-8	5/16	8 × 14.5	0 ~ 1.0	0 ~ 0.7	48	- 10 ~ 60	100	14.19	Black	Paper Bobbin	44	22	14.75
E-TCS-9	3/8	9.5 × 16.5			57			17.66			44	22	18.21

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

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

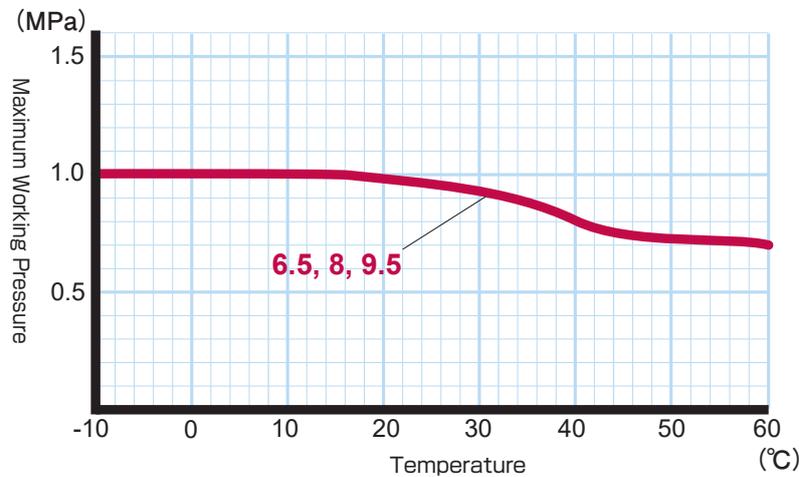
## Characteristics and Functions



- **Lightweight**...Compared with rubber hose, E-TCS is a lightweight hose, reducing the burdens of your wrestles and arms.
- **Flexibility**...Using the high modulus elastomer material, E-TCS is superior in flexibility.
- **Low Friction Resistance**...Due to the concave shape of the hose surface, E-TCS reduces the friction resistance.

## Technical Information

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



## Caution in Fitting Installation

- In cutting the hose, the cross-section of the hose must be perpendicular.
- When the nipple of the fitting is inserted into the hose, do not apply oil on the hose and nipple or do not warm them with fire. It may cause the hose to come off or change its shape.
- Insert the nipple of the fitting into the end of the hose until it seals against the thread base. If the nipple is not inserted adequately, the hose may come off.
- Do not use the fittings which have scratches or rust on the surface of the nipple. Inner surfaces of the hose may be damaged and it may cause the hose to rupture or leak.
- Use the fittings which have the barbed R on the nipples.
- Choose the hose nipples which are suitable for hose sizes.
- Use the fittings which seal against hose inside. Do not use the fittings which seal against hose outside or so-called one-touch joints for tubing.
- Use the flat hose clamps required for the hose specifications. Do not use wires or do not tighten excessively with wires. It may cause the hoses to rupture or leak.
- Tighten the hose clamps on stipulated torques.
- Hoses turn soft at a higher temperature. Install the fittings by retightening the hose clamps required for the hose specifications.



\*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.

\*We do not have the original fittings for E-TCS. Please use the barb fittings with flat bands sold in the market.

\*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

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