



Solvent Transfer and Paint Hose

Painting Pipe

Solvent Transfer Hose

Solvent Resistance

E-SV

- Without taking the ground wire out of the hose, E-SV allows pulling out the ground wire in the ground wire layer. Thus you can insert the solvent transfer hose to the fittings easily.
- With the ground wire stored inside, E-SV removes static electricity.
- Ground wire is a metal fiber. Compared with the metal line like copper line, E-SV has higher levels of flexibility.

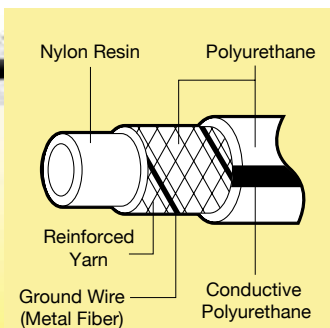
EICHTRON®

Conductive Line Layer + Ground Wire
⇒ Eliminate Static Electricity

Non-PVC

RoHS Compliant

The conductive line layer and the ground wire are strongly attached, so compared with the hose with the conductive line layer, E-SV has a higher static elasticity. In case the part of the ground wire is broken, the ground wire with the spiral configuration and the conductive static line are contacted for regular intervals. Thus, you can safely pull out the ground wire.



Model Number	I.D. × O.D. mm	Working Pressure (MPa)		Minimum Bend Radius (20°C) mm	Temperature Range °C	Standard Length m	Weight g/m	Package Type	Color
		at 20°C	at 60°C						
E-SV-7	7.5 × 10.5	0 ~ 1.5	0 ~ 0.7	60	-20 ~ 60	20	60	Film Wrapping	Clear
						100		Paper Bobbin	
E-SV-9	9.5 × 14	0 ~ 1.5	0 ~ 0.7	80	-20 ~ 60	20	110	Film Wrapping	
						100		Paper Bobbin	

Fittings For Solvent Transfer Hose

Image	Model Number	Type	Applicable Hose	Thread	Sheet	Material	Weight (g/piece)
	E-EM-75-G1/4-B	Female Screw (Fixed)	E-SV-7	G 1/4	Male Sheet	Brass Nickel Plate	55
	E-EM-75-G3/8-B		E-SV-7	G 3/8			65
	E-EM-95-G3/8-B		E-SV-9	G 3/8			90
	E-EM-75-G1/4-S		E-SV-7	G 1/4		Body: 304 Steel Use Stainless Nut: Brass Nickel Plate	55
	E-EM-75-G3/8-S		E-SV-7	G 3/8			65

How to install the fittings for solvent transfer hoses

- Pass the tightening nut through the hose.
- Insert the hose into the nipple. Make sure the hose reaches the root of the nipple. Slide the nut onto the hose.
- Use a wrench to securely fasten the nut.
- After the joint is installed at both sides of the hose, please check electric continuity by tester.

DATA Electrical Resistivity Data

Electrical Resistivity	
The Length of Sample: 1M	The Length of Sample: 10M
70 Kilometer Ohm	200 Kilometer Ohm

*The figures above are measured without taking the ground wire away and insert the solvent transfer fittings on the both ends.
*The results shown above are not guaranteed.

DATA Data for Flexibility in Ground Wire

Bending Test for Ground Wire (Bending Angle 120 Degree; Load 500 Gram)	
Solvent Transfer Hose 7.5 × 10.5	Bending 30,000 times without breaking Ground Wire
Copper Wire Sold in the Market	Bending only 110 times before breaking Ground Wire

*The results shown above are not guaranteed.

DATA Relationship between Working Temperature and Maximum Working Pressure

