

Flexible Fluorine (ETFE) Resin Tubing (PVC Type) [Model Number: E-SJV]

Precautions for Use



Before using HAKKO EIGHTRON products, please make sure to read following instructions in order to use HAKKO EIGHTRON products safely. HAKKO is not liable for personal injury or property damages if you do not follow the cautionary instructions below. We strongly urge you to follow these instructions.

- The inner layer of this product is made of ETFE fluorine resin, so it shows greater chemical resistance against most of the chemicals. However, depending on the kinds of chemicals, density, and temperature, ETFE fluorine resin might swell or deteriorate. Thus, please refer to the chemical resistance data on our product catalog and our webpage.
- Depending on the kinds of fluids, temperature, and residence time, the odor of the hose may transfer to the fluids.
- This is a laminated structure tubing. Since in terms of chemical resistance, the material of the outer layer is inferior to that of the inner layer, please do not soak tubing into the chemicals and contact with chemicals for a long time. Even though the material of the inner layer stands proof against chemical substances, depending on the using conditions, fluids may be leaking to the middle and outer layers, leading to swelling, leakage, changing colors, and bursting.
- Please comply with the use conditions mentioned in our catalog such as working pressure, temperature, and minimum bend radius.
- Please do not bring the hoses close to fire or heat sources.
- In cutting the hose, the cross-section of the hose must be perpendicular.
- For hose fittings, please use HAKKO original fittings [E-FTS: Multi-Layer Fittings]. For more information on HAKKO original fittings, please take a look at general catalog and corporate website.
In case you use other manufacturers' fittings, it may lead to the fluid leakage, coming off from the fittings, and the bursting of the hose. Unavoidably, if you use the joints other than HAKKO original fittings, 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.
Any problems occurred by using other manufacturers' fittings are not guaranteed.
- Please use the fittings which have the barbed R on the nipples. 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. Please do not use wires or do not tighten excessively with wires. It may cause the hoses to rupture or leak.
- Please do not bend extremely. Please do not apply unreasonable force such as kinking and pulling to the hoses.
- Tubing is greatly affected by use conditions and environments. The conditions of the tubing should be inspected regularly. If something unusual things listed next occur, stop using the hoses immediately and replace them with new ones:
 - Abnormal Appearance...Tear, scratches, swelling, crack, curve, deformation.
 - The bursting of inner and/or outer layers of the hoses, hardening, dramatic change in color, and leaking fluids
- This tubing is intended for positive pressure. Please do not use for negative pressure (vacuum).
- In case hoses are stored, get rid of remaining fluids inside the hoses, clean up any dusts on the surface of the hose and avoid twisting and holding the hoses.
- Please store the hose on the flat, smooth surfaces; otherwise, its shape may change.
- Please do not expose the hose to direct sunshine, wind, or rain. Store the hose in the low humid, well-ventilated, cold, and dark places. If you leave the hose outside, this might lead to change its color and deteriorate.
- Please do not pile up the hoses in large quantity. In this case, the shape of the hose may change or the hose becomes flat.
- In case of disposing, follow the local governmental regulations.

For Your Inquiries and/or Questions

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