

Swagelok®

Vinyl Tubing Use

The following should be read carefully prior to selecting and installing Swagelok vinyl tubing.

- Total system design must be considered to ensure safe, trouble-free performance. Material compatibility, adequate ratings, proper installation, operation, cleanliness, maintenance, and backup procedures are the responsibility of the system designer and user.
- Tubing performance can be affected by pressure and temperature, as well as system fluid and environmental compatibility. It is the responsibility of the system designer to select the proper tubing for each application.
- System performance can be affected by the method with which vinyl tubing is installed into the system. To achieve the maximum pressure rating at 70°F (20°C), tubing should be installed with the proper size Swagelok HC style connectors and Swagelok clamp or Swagelok tube fitting with insert, available from your Swagelok representative.
- Always carefully inspect finished assemblies for tubing damage prior to system pressurization and use.
- Swagelok vinyl tubing is not specifically designed for use in peristaltic pumps. Several factors relating to pump use and maintenance may affect life in peristaltic pump applications. To assure proper tubing selection for peristaltic pump applications, consult the pump manufacturer. Operating parameters, pump maintenance, proper sizing, and installation will affect tubing life.
- Swagelok vinyl tubing is not intended for applications requiring tubing made from materials with specific approvals intended for use in medical, pharmaceutical, or biotech applications. The tubing will not reseal punctures from hypodermic needles.
- To obtain a copy of the Material Safety Data Sheet for Swagelok vinyl tubing, contact your Swagelok representative.

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