

GENERAL DESCRIPTION

Vis-U-All High Temperature Sterilization Tubing is composed of a continuous roll of 42-lb premium medical paper sealed at the edges to a plastic film. The tubing is printed externally with chemical indicators for both steam and ethylene oxide. The chemical indicators provide immediate evidence of exposure to the sterilant.

The Vis-U-All High Temperature Sterilization Tubing is for use in common steam and ethylene oxide sterilization processes. The Vis-U-All High Temperature Sterilization Tubing provides an effective bacterial barrier to maintain sterility of the pouch contents following sterilization during normal storage and handling, provided the pouch remains undamaged and the seal uncompromised. The Vis-U-All High Temperature Sterilization Tubing is available in various widths ranging from 3" (76 mm) to 12" (305 mm). The tubing must be cut to the desired length to accommodate the items to be sterilized.

APPLICATION

The Vis-U-All High Temperature Sterilization Tubing is designed to enclose medical devices to be sterilized in a single or double pouch configuration. Vis-U-All High Temperature Sterilization Tubing is designed for use in common steam and ethylene oxide sterilization cycles. See **Table 1** for a complete list of the approved cycles. This device is not intended and has not been validated for sterilization of devices that contain lumens. The maximum validated pouch load is 2.64 pounds (1.2kg).

Table 1: Sterilization Cycle Listing

Sterilization Process	Sterilization Cycle
Steam	Gravity Steam at 250°F/121°C for 30 minutes, 25 minutes dry time Pre-Vacuum Steam at 270°F/132°C for 4 minutes, 20 minutes dry time Pre-Vacuum Steam at 273°F/134°C for 3 minutes, 20 minutes dry time Pre-Vacuum Steam at 275°F/135°C for 3 minutes, 16 minutes dry time
Ethylene Oxide	With a concentration of 735 mg/L at 55°C (131°F) and 50% to 80% relative humidity for 60 minutes. Aeration time of 8 hours at 60°C (140°F)

FEATURES

- Many convenient widths
- Tubing may be cut to desired length
- 42-lb premium medical paper and 2.0 mil plastic film
- Chemical indicators for both steam and ethylene oxide
- Chemical indicators ink is made in the absence of lead and heavy metal
- Three ribbed triple seal

BENEFITS

- Accommodate a wide range of items
- Can be used with items of various lengths without waste
- Provides mechanical strength and helps reduce risk of puncturing pouch
- Reduce inventory and provide immediate proof of exposure to sterilant
- No concern over exposure to lead or other heavy metals
- Helps to prevent strike through of packaged items

TECHNICAL PROPERTIES

Material	42-lb premium medical paper and 2.0 mil polypropylene-polyethylene film
Seal.....	Triple Seal
Shelf life	5 years from time of manufacture
Post sterilization shelf life for steam.....	6 months from day of sterilization
Post sterilization shelf life for EO.....	24 months from day of sterilization
Chemical indicators.....	External chemical indicators for steam and ethylene oxide are provided

DIRECTIONS FOR USE

Select the proper width of Vis-U-All High Temperature Sterilization Tubing for the items to be sterilized. Cut the tubing to the proper length. Seal one end of the tubing using a heat sealer designed for paper/plastic tubing. Put the properly prepared items to be sterilized inside the pouch maintaining a 3/4 inch border around the device. Seal the other end of the pouch with the heat sealer.

A heat sealer is available for use with the Vis-U-All Heat Seal Pouch. Please contact your STERIS sales representative for more information.

After sterilization (and aeration if required), allow the Vis-U-All High Temperature Sterilization Tubing to cool. Observe the chemical indicators on and in the pouch. The chemical indicators for steam darken when exposed to steam. The chemical indicators for ethylene oxide darken when exposed to ethylene oxide. If the chemical indicator is unchanged, exposure to the sterilization process may not have occurred.

See the heat sealer manufacturer's instructions regarding the operation and use of the heat sealer.

STORAGE CONDITIONS

Vis-U-All High Temperature Sterilization Tubing should be stored under cool and dry conditions.

ORDERING INFORMATION

Vis-U-All High Temperature Sterilization Tubing Size	Quantity per Case	Reorder Number
3" x 100" (7.6 cm x 3048 cm)	10 rolls	881031
4" x 100" (10.2 cm x 3048 cm)	10 rolls	881041
6" x 100" (15.2 cm x 3048 cm)	10 rolls	881061
9" x 100" (22.8 cm x 3048 cm)	6 rolls	881091
12" x 100" (30.5 cm x 3048 cm)	6 rolls	881121

For further information, please contact:

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