Instructions for Use Steriking® Tapes

The Steriking® indicator and masking tapes are manufactured for closing packages of items requiring sterilization in hospitals and other similar uses. The Steriking® indicator tapes are type 1 process indicators according to ISO 11140-1:2014, which means that one or more of the critical process variables should be in place to change the color of the indicator. All tapes with and without indicator are for single use only. Use only markers that are non-toxic and sterilization proofed for writing on the tapes.

Choosing of closing tape depends on the wrapping materials. Synthetic wrapping materials like nonwovens and polypropylene wraps require stronger adhesive than pulp based wrapping materials. The blue color strong adhesive tapes (JTBN, JTBSG) provides high tack and are especially designed for nonwovens, the neutral color tapes (ITN, ITSG) are intended for crepe papers. Only short piece (5 cm) of tape is enough for closing the pack.

Instructions for use

Indicator tapes should be kept in their original, closed transport cartons and stored in dry and clean conditions protected from direct sunlight and excessive moisture and heat. Steriking® indicator tapes are used for closing paper and nonwoven wrapping materials. Press the tape firmly to the package for tight closure.

Steam autoclave tapes (ITSG and JTBSG) with steam indicator ink will react positively when subjected to heat and moisture in the steam autoclave. By the influence of the sterilization conditions the green stripes printed on the tape will change color from green to dark brown/black. The usual time/temperature conditions are 3 minutes at 134°C or 15 minutes at 121°C.

Steriking® Neutral steam tapes (ITN and JTBN) do not have indicator printed on the tape. Neutral steam tapes are manufactured for closing packages of items requiring steam sterilization in hospitals and other similar uses.

Gas indicator tape (ITE) with ethylene oxide indicator ink will react positively when subjected to ethylene oxide autoclave process. By the influence of the sterilization conditions the word “gas” which is printed on the tape will change color from brown to green.
Dry heat sterilization tape (ITH) with dry heat indicator ink will react positively when subjected to dry heat sterilization process. By the influence of the sterilization conditions stripes printed on the tape will change color from green to dark brown/black.

Gas Plasma tape strips (ITP20) and tape reels (ITP25) with hydrogen plasma indicator are sensitive to recognize the vaporized hydrogen peroxide sterilization process. The indicator of tape strips (ITP20) changes its color from yellow/orange to blue when exposed to the vaporized hydrogen peroxide sterilization process.

The indicator of plasma tape reel changes its color from blue to purple/pink when exposed to the vaporized hydrogen peroxide sterilization process.

After sterilization it is easy to determine has the package been processed because indicator tapes demonstrate a clear color change. If the color has not changed, the package must be returned for sterilization.

Steriking® tape dispenser can be used for holding and cutting the Steriking® indicator and neutral tapes. The serrated edge of tape dispenser allows easy cutting of the tape while the wide, weighted base prevents tipping during use.