

## Crosstex CSR Sterilization Wrap Instructions for Use

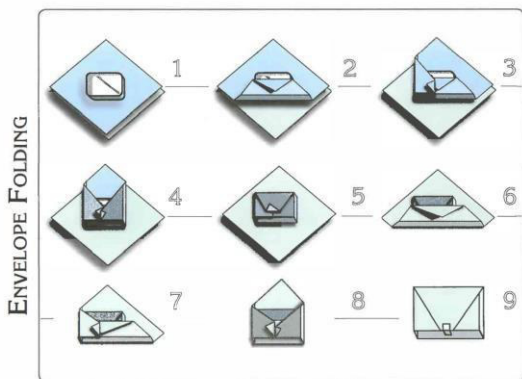
The purpose of sterilization wraps is to keep sterile the medical supplies packed after the sterilization process, during storage, prior to use. The packaging and folding processes are therefore crucial.

### Double Folding

The use of two wraps reinforces the strength of the packaging and offers a further guarantee of sterility.

Folding the two wraps separately, one after the other makes the pack even more secure, as the greater the number of folds, the more difficult it is for airborne particles carrying micro-organisms (bacteria, viruses, spores) to penetrate into the packaging: this is a matter of optimizing the tortuous fold as described in the ISO 11607-1 standard. Further, the double pack with two sequential folds affords a two-step unwrapping process for users in the operating theatre: the outer wrap is removed before entering the operating room.

The two main types of folding found in hospitals are: envelope folding and square folding. Envelope folding is the most common. This is the recommended folding because it creates a more tortuous path (more double bends) which means a better barrier against penetration of micro-organisms. It also allows very simple aseptic opening of the pack with reduced handling thanks to the tab. The pack is most often closed with an adhesive tape which might have on



Crosstex CSR sterilization wrap meets the requirements of hospital sterilization procedures: steam, ethylene oxide or formaldehyde.

### Cycles:

For steam sterilization, the two main cycles of sterilization are done at a temperature of 121°C or 134°C. To reduce the risks of NCTA (transmissible agents as Creutzfeldtjakob), the recommended cycle is 134°C for 18 minutes.

The sterilization cycle is adjusted to the loading requiring sterilization and in all cases includes an air evacuation phase to assure even distribution of the sterilizing agent into the loading. Separate textiles from instrumentation, (it is recommended to prepare an homogeneous load).

### Methods

Crosstex CSR sterilization wraps allow penetration of the sterilizing agents (steam, gas EO or FO), regardless of the type of folding used. They preserve their bacterial barrier, their barrier to liquids and their mechanical characteristics performance after sterilization.

They are also compatible with the 134°C steam sterilization cycle. In the specific case of ethylene oxide sterilization, the levels of ethylene oxide residue and its derivatives meet current regulations.

### Single Use

Due to the use of cellulose fibers in the composition of its sheets, the Crosstex CSR Sterilization Wrap product line reduces the risk of residual humidity in the packs after steam sterilization. The sterilization wraps are designed for single use. All guarantees relating to their sterilization compatibility and sterility maintenance are valid for a single sterilization. If the medical supply requires sterilization again, it must be re-packaged.

The autoclave should be unloaded after it is completely cooled. The unloading must not be the cause of damage or contamination.

### Post Sterilization

The sterilized packs must be handled with care as they come out of the sterilizer! When they are placed on trolleys or on store-room shelves.

Friction of the packs against the shelves should be avoided to reduce any risk of damage to the packaging.

The storage space or area is specific to sterile medical supplies and separate from storage areas for non-sterile supplies. Sterile supplies should be stored away from direct sunlight, humidity and contamination of any kind.

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