Sterile Barrier System

InvaSter®
(Sterilization Wrapping Sheet)

InvaSter-Ab®
(Absorbent Tray Liner)

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The Sterile barrier system is new generation non-woven, which combines a high strength and optimum steam penetration with excellent drape ability and a full barrier against micro-organisms. InvaSter is composed of three layers polypropylene SMS fibers (Spun bond, Melt blown, Spun bond), of which middle layer consist of micro fibers that avoid the penetration of particles, blood or other fluids. By combining two other layers (long polypropylene fibers, Spun bond) with middle layer (Melt blown), InvaSter offers very high resistance in pulling and tearing strength. InvaSter is both before and after sterilization memory-free, due to its component and structure, the material does not fold back when the set is opened. This ensures a good aseptic technique and, subsequently, it prevents contaminations. InvaSter is suitable for Steam, Formaldehyde, EO Gas and Plasma sterilization.

Size: 30cmx30cm, 40cmx40cm, 60cmx60cm, 75cmx75cm, 90cmx90cm, 120cmx120cm.
Sterile Barrier System
InvaSter-Ab®
(Absorbent Tray Liner)

InvaSter-Ab (Absorbent Tray liner)
To avoid damp loads, wet loads, linting and damage during the sterilization process we have developed a different sterile barrier system called InvaSter-Ab (Absorbent Tray liner). Invaster-Ab doesn’t only provide an optimum damp regulation during the steam sterilization process, but also guarantee optimum protection against migration of micro-organisms after sterilization. InvaSter-Ab offers very high absorbency making it ideal for use as a tray liner to absorb any excess moisture produced during sterilization. These liners also help to wipe, fit snugly on bottom of the container & absorb the condensate inside sterilization container. The moist will be spread in the InvaSter-Ab (Absorbent Tray liner) so that it evaporates easily in drying phase. In this way a wet load will be avoided. InvaSter-Ab (Absorbent Tray liner) is also used for instrument trays to prevent damaging of contents and sterilization packing material. It also ensures an optimal protection on the sides of the instrument tray.

InvaSter-Ab is suitable for Steam, Formaldehyde, EO Gas and Plasma sterilization.
Size: 30cmx30cm, 40cmx40cm, 60cmx60cm, 75cmx75cm, 90cmx90cm, 120cmx120cm.
We can also offer the material cut to the exact size and shape required.

Environmental Aspects.
Due to inert polypropylene InvaSter and InvaSter-Ab will disintegrate into carbon dioxide and water when burnt in an incinerator, which does not cause damage to environment.
Tray Folding Envelope Method.

**Step 1**
Place the sheet in a diamond shape and place the instrument trays diagonal in the middle.

**Step 2**
Fold the overlaying part at one of the long sides across the tray (1). Fold the point back over again (2).

**Step 3**
Fold the overlaying part at one of the short sides across the tray (1) and fold the point back (2).

**Step 4**
Fold the overlaying part at the second long side across the tray (1). Insert the Double folded point between the previously folded side parts (2). The outer point still sticks out of the package (3).

**Step 5**
Fasten the sheet with tape.

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