



安庆康明纳包装有限公司

“A Trusted Name in Medical Packaging” Anqing Kangmingna Packaging Co. , Ltd

Business is not for the best profits, but for the best partners!

TYVEK REEL/POUCH

Product Description

Tyvek Sterilization Reel/Pouches are constructed of multilayer PET/PE copolymer film and uncoated Tyvek® material. Type I process indicators for vaporized hydrogen peroxide applied on the Tyvek® surface will provide visual confirmation by color changing, indicating that sterilization conditions were met.

Intended Use

Tyvek Reel/Pouches are intended to provide healthcare workers with an effective method to enclose medical devices intended for sterilization in vaporized hydrogen peroxide sterilization method.

MATERIALS & COMPOSITION

Tyvek Sterilization Rolls are intended to provide healthcare workers with an effective method to enclose medical devices intended for sterilization in Vaporized Hydrogen Peroxide (VHP) sterilization method.

Thin thickness, light weight, not easy to deform, soft and smooth, light and tough, excellent opacity, combined with the characteristics of paper, cloth and film; anti-moisture, water-resistant, without Adhesive.

SPECIFICATION

Tyvek Roll

KMNTR-100100	TYVEK 100mm*100m	6
KMNTR-150100	TYVEK 150mm*100m	4
KMNTR-200100	TYVEK 200mm*100m	2
KMNTR-250100	TYVEK 250mm*100m	2
KMNTR-300100	TYVEK 300mm*100m	2
KMNTR-3500101	TYVEK 3500mm*100m	2
KMNTR-400102	TYVEK 400mm*100m	2
KMNTR-500102	TYVEK 500mm*100m	2

FUNCTION& DESCRIPTIVE INFORMATION

Waterproof and breathable bacteria, -73 degrees can still maintain flexibility and high strength; 118 degrees began to shrink; 135 degrees began to melt. Fold-resistant (allows more than 20,000 times of repeated folding), the flexibility of the collection cloth (weight is a fraction of the cloth), the smoothness of the film, the appearance of the paper (half the weight of the paper) in one.

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Good biocompatibility, peeling, no dust, added value, tearing packaging strength, bursting packaging, sealing force, sterilization period (more than 5 years), gas permeability (reducing the generation of extreme temperature condensate), safer Protection. Therefore, it is currently the best in dialysis materials. Suitable for Class II and Class III

Instructions for Use

- 1) Complex instruments (e.g. air-powered instruments, endoscopes and instruments with lumen or channels) should be prepared and sterilized according to the manufacturer's instructions. Heat sensitive devices
- 2) Rolls need to be cut to required length.
- 3) Do not use if the pack is damaged. Do not reuse. Single use only.
- 4) Seal one of the open ends of the roll with a calibrated sealing device and under validated sealing process to form a pouch. Recommended sealing temperature is between 105 – 125°C for 1-6 second dwell time.
- 5) Cover sharp ends of instruments with an instrument protector, to prevent puncturing and tearing.
- 6) Place the item to be sterilized into the pouch. Do not fill pouches to more than 75% of their capacity. Always leave minimum 1.5cm (0.6in) gap between the material and each seal edge of the pouch to prevent stress on seal areas.
- 7) Manually remove as much air as possible from the pouch before closing.
- 8) Seal the open end of the pouch with a calibrated sealing device under validated sealing process.
- 9) Avoid stress on the seals during handling; fill the pouch horizontally while working on a flat surface.
- 10) When loading into the sterilizer, place the pouches into a basket in a way that film faces film and Tyvek® material faces Tyvek® material.
- 11) Pouches should be put upright in the basket or tray and not too tight together, such that a hand can slide in between them.
- 12) Handle pouches with care when removing from the sterilizer to prevent tearing. Store pouches in an area protected from sunlight, water and other liquids.
- 13) Do not use wet pouch. Repeat the sterilization process after changing the pouch.
- 14) To open the pouch, use a thumb and index finger to hold the Tyvek® material and a thumb and index finger to pull back the film side of the pouch. Always open the pouch in peel direction.
Open the pouch carefully and slowly for a clean peel.

◆ Sterilization Color Change

Turn to Wine Red from Purple under plasma sterilization:

Plasma Indicator before Sterilization: Purple



Plasma Indicator after Sterilization: Wine Red



WARNINGS

- 1) Before starting sterilization process, please check that the reel/pouch is filled for maximum 3/4 of its volume so that sealing are not obstructed at the edges.
- 2) Cover the end and the cutting surfaces of instruments with appropriate protection.
- 3) Put the instruments with the handle at the opening of reel/pouch.
- 4) Do not use solvent substances on reel/pouch.
- 5) Do not use a stationary Permanent marker to write on the reel/pouch
Use a Medi Marker – a medical marker, a non-gassing waterproof pen
Medi Marker pen is a permanent marker for use on medical packaging without compromising the microbial integrity of a sterile pack.
The permanent non-gassing waterproof ink is bleed and fade resistant
Important to use a **Medi Marker** to write on paper side of the reel/pouch, this way maximum care are taken to avoid the pack to be compromised/contamination during packing and ensure a safe and compliant pack, to ensure Patient safety.
- 6) Please carefully check the weight of the instruments to be sterilized in order to avoid risks of breaking.



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PRECAUTIONS AND CONTRAINDICATIONS

- 1) It is forbidden using the reel/pouch if it is damaged.
- 2) The reels/ pouches have to avoid the sunlight and stored in a dry place. The packaging must also be managed less as possible and has to be kept closed.
- 3) The reel/pouch has to be used only after having checked that no dust is on its packing and if it is partially used, it must be hermetically closed in its plastic protection.