



Plasma Indicator Tape

Low-Temperature Process, High-Visibility Result. · SKU KD-IT-PL

Type 1 process indicator tape for hydrogen peroxide (H₂O₂) plasma sterilization. Indicator lines change from blue to pink/red after exposure to vaporized hydrogen peroxide.

Plasma Indicator Tape is used to seal and identify packs processed in low-temperature hydrogen peroxide gas plasma sterilizers. The indicator responds to vaporized hydrogen peroxide and changes from blue to pink/red, making processed items easy to identify at a glance.

It adheres to Tyvek® pouches and polypropylene non-woven wraps used in plasma sterilization and removes cleanly after the cycle.



Specifications

Product Name	Hydrogen Peroxide Plasma Indicator Tape
Indicator Type	ISO 11140-1 Type 1 process indicator
Width Options	12 mm, 19 mm, 25 mm
Length Options	50 m standard
Base Material	Medical-grade crepe paper
Sterilization Method	Vaporized hydrogen peroxide / H ₂ O ₂ gas plasma
Indicator Ink	Non-toxic chemical indicator; changes from blue to pink/red
Compliance	ISO 11140-1 Type 1, manufactured under ISO 13485; CE
Shelf Life	3 years from date of manufacture (unopened)
Storage Conditions	Cool, dry place away from direct sunlight (5–30 °C, < 70 % RH)
Carton Packing	12 mm: 480 rolls/ctn · 19 mm: 360 rolls/ctn · 25 mm: 240 rolls/ctn

Features

Blue → pink change · Adheres to Tyvek® & non-woven · Easy tear by hand · Clean removal · Low-temp sterilizers

How to use

- Apply the tape to the outside of the Tyvek® pouch or non-woven wrapped tray.
- Run the validated hydrogen peroxide plasma cycle.
- Check that the indicator has changed from blue to pink/red before releasing the pack.

Applications

Hospitals and clinics using low-temperature H₂O₂ plasma sterilizers for endoscopes, cameras, cables and other heat-sensitive devices.

Packaging & shipping

Width	Length	Rolls / carton	Carton size (mm)
12 mm	50 m	480	420 × 320 × 260



Width	Length	Rolls / carton	Carton size (mm)
19 mm	50 m	360	420 × 320 × 260
25 mm	50 m	240	420 × 320 × 260

Compliance

ISO 13485, ISO 11140, CE. Manufactured under an ISO 13485 quality management system. Certificates and test reports available on request.

FAQ

Can this tape be used on paper/film pouches?

Plasma cycles require non-cellulosic packaging such as Tyvek® pouches or polypropylene wraps. The tape is designed to adhere to those materials.

Request a quotation: <https://kangdemed.com/request-quote?product=plasma-indicator-tape> · Jason.wangxiaokang@gmail.com · WhatsApp +86 199 5663 5178