



Heat-Seal Sterilization Pouch

Pre-Cut Convenience. Validated Barrier. · SKU KD-SB-HSP

Pre-cut paper/film pouches for heat sealing. Medical-grade 60/70 g/m² paper with blue, white or green composite film, steam, EO and formaldehyde indicators and a three-side burst-resistant seal.

Heat-seal sterilization pouches are pre-cut paper/film pouches sealed on three sides in our factory; the user seals the fourth side with a rotary or impulse heat sealer after loading. They are the workhorse packaging of hospital CSSDs and are also used by device manufacturers for single-use products such as gauze, swabs and face masks.

The pouches are made from the same validated materials as our reels — medical-grade paper and a transparent CPP/PET composite film — and carry steam, EO and formaldehyde process indicators that change colour irreversibly.



Specifications

Product Name	Heat-Seal Sterilization Paper/Film Pouch
Material	60 g/m ² or 70 g/m ² medical-grade paper (French Arjowiggins paper available) + blue/white/green medical CPP/PET composite film
Process Indicators	Steam: blue → black · EO: pink → yellow · Formaldehyde: red → green
Sterilization Method	Steam, ethylene oxide, formaldehyde
Seal	Three-side multi-line burst-resistant seal; fourth side sealed by user with a heat sealer
Sizes	Standard sizes from 57 × 100 mm to 305 × 430 mm; custom sizes, printing and packaging on request
Packing	200 pouches per box
Manufacturing Standard	ISO 11607-1, EN 868-5; ISO 13485 quality system; CE
Storage	Below 25 °C and 60 % RH; recommended validity 6 months after sterilization

Features

Cut to any length · Irreversible indicators · Three-side burst-proof seal · Clear film — see contents · Steam, EO & formaldehyde

How to use

- Cut the reel to the required length (allow at least 30 mm above the instrument) and seal one end with a heat sealer.
- Load the instrument with sharp tips pointing away from the peel side so the pack is not punctured and can be opened safely.
- Seal the second end and mark the sterilization date, contents and operator on the film side — never write on the paper.
- Process by steam, ethylene oxide or formaldehyde. The printed indicators change colour irreversibly: blue → black for steam, pink → yellow for EO, red → green for formaldehyde.
- Store in a clean, dry area below 25 °C and below 60 % RH. Recommended validity: 6 months after sterilization while the pack remains intact.



Applications

Hospital CSSDs, dental and veterinary clinics, laboratories, and medical device manufacturers packaging gauze, swabs, masks and single-use instruments.

Packaging & shipping

Size (inch)	Size (mm)	Packing	Box (mm)	Carton (mm)	N.W. (kg)	G.W. (kg)
2.25" × 3.94"	57 × 100 mm	40 boxes × 200 pcs	60 × 105 × 60	325 × 235 × 270	6	7
2.25" × 5.12"	57 × 130 mm	40 boxes × 200 pcs	60 × 135 × 60	325 × 285 × 270	7.8	8.8
2.76" × 10.24"	70 × 260 mm	20 boxes × 200 pcs	72 × 265 × 60	325 × 280 × 315	9	10
3.25" × 6.25"	83 × 160 mm	20 boxes × 200 pcs	85 × 165 × 60	360 × 325 × 190	6.3	6.9
3.54" × 6.5"	90 × 165 mm	20 boxes × 200 pcs	92 × 170 × 60	360 × 325 × 205	7.2	8
3.54" × 10.24"	90 × 260 mm	20 boxes × 200 pcs	92 × 265 × 60	385 × 285 × 320	5.8	6.4
5.32" × 10.24"	135 × 260 mm	10 boxes × 200 pcs	138 × 265 × 60	325 × 280 × 295	8.7	9.7
5.32" × 11.02"	135 × 280 mm	10 boxes × 200 pcs	138 × 285 × 60	325 × 300 × 300	9.8	10.5
5.32" × 11.81"	135 × 300 mm	10 boxes × 200 pcs	138 × 305 × 60	325 × 300 × 320	10.5	11.5
5.32" × 14.96"	135 × 380 mm	10 boxes × 200 pcs	138 × 385 × 60	405 × 300 × 320	13.5	14.5
6.10" × 10.24"	155 × 260 mm	10 boxes × 200 pcs	158 × 265 × 60	285 × 330 × 320	10.5	11.5
7.48" × 14.17"	190 × 360 mm	10 boxes × 200 pcs	192 × 365 × 60	380 × 320 × 400	17.5	18.5
7.87" × 14.17"	200 × 360 mm	5 boxes × 200 pcs	202 × 365 × 60	220 × 320 × 380	9.5	10.5
9.06" × 15.55"	230 × 395 mm	5 boxes × 200 pcs	232 × 400 × 60	320 × 255 × 420	12.5	13.5
11.81" × 15.55"	300 × 395 mm	5 boxes × 200 pcs	302 × 400 × 60	320 × 320 × 425	15.5	16.5
12.01" × 16.93"	305 × 430 mm	5 boxes × 200 pcs	307 × 435 × 60	450 × 320 × 325	16.5	17.5

Compliance

ISO 13485, ISO 11607, EN 868-5, CE. Manufactured under an ISO 13485 quality management system. Certificates and test reports available on request.

FAQ

Which side of the pouch should I write on?



Write on the plastic film side, outside the seal area, or on the sealing flap. Writing on the paper can damage the porous barrier and compromise sterility.

What sterilization methods can the pouch be used with?

Paper/film pouches and reels are suitable for steam (autoclave), ethylene oxide (EO) and formaldehyde sterilization. They are not intended for dry-heat or hydrogen peroxide plasma processes, which require Tyvek® or non-woven materials.

What is the recommended storage life after sterilization?

Under clean, dry storage below 25 °C and 60 % RH we recommend a validity of 6 months after sterilization, provided the seal and packaging are undamaged. Facilities should follow their own event-related sterility policy.

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