



Self-Sealing Sterilization Pouch

Seal in Seconds. Sterile Until Use. · SKU KD-SB-SSP

Medical-grade paper/film pouch with an adhesive closure strip — no heat sealer needed. Dual steam and EO process indicators, three-side burst-resistant seal and a clear film to identify contents.

Self-sealing sterilization pouches give healthcare workers a fast and reliable way to enclose instruments and devices for steam or EO sterilization without a heat sealer. Fold the flap along the perforation, press the adhesive strip, and the pouch is sealed.

Each pouch carries dual process indicators printed outside the seal area: the steam indicator turns from blue to black and the EO indicator from pink to yellow. The three-side burst-resistant seal keeps the pouch intact during pressure changes, while the transparent composite film shows the contents clearly so that instruments are identified without opening the pack. Peel opening is clean, without fibre tearing, for aseptic presentation.



Specifications

Product Name	Self-Sealing Sterilization Pouch
Intended Use	Enclosing devices for sterilization by steam autoclave or ethylene oxide, with aseptic presentation at point of use
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 (52 µm) + medical adhesive tape
Process Indicators	Steam: blue → black (30 min at 121 °C) · EO: pink → yellow (40 min at 60 °C, 60 % RH, 725 mg/L EO)
Sterilization Method	Steam, ethylene oxide
Seal	Three-side multi-line heat seal + adhesive closure strip
Sizes	16 standard sizes from 57 × 100 mm to 305 × 430 mm; custom sizes and printing available
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

Adhesive closure — no sealer · Steam & EO indicators · Three-side burst-proof seal · Transparent film · Easy peel opening

How to use

- Select a pouch size that leaves at least 30 mm clearance around the instrument.
- Insert the instrument with the handle towards the opening and sharp tips protected.
- Remove the release liner, fold the flap along the perforation and press firmly along the whole adhesive strip.



- Sterilize by steam or EO. Verify the indicator colour change after the cycle.
- Store below 25 °C and 60 % RH. Recommended validity: 6 months after sterilization while the pack remains intact.

Applications

Dental clinics, hospital CSSDs, surgical centres, laboratories, tattoo and beauty studios — anywhere small to medium instruments are sterilized without a heat sealer.

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

Do I need a heat sealer for self-sealing pouches?

No. The pouch has a pre-applied medical adhesive strip; fold the flap and press to seal. Heat-seal pouches and reels are also available if your department uses a sealer.

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=self-sealing-sterilization-pouch> · Jason.wangxiaokang@gmail.com · WhatsApp +86 199 5663 5178