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## Shanghai Jianzhong Medical Packaging Co., Ltd.

Celebrated manufacturer of medical sterilization packaging since 1988

300 employees dedicated to R&D, manufacturing

Over 20 years production experience

5 million pouches daily output

Export to over 50 countries

One of earliest listed medical packaging manufacturers on NEW OTCBB



THE STERILIZATION CONCEPT IS THE FAITH OF JIANZHONG,

## Honor & Qualification

One of the drafter of national industry standard

An invention patent & 10 patents for utility models

Integrity enterprise by Shanghai Medical Instrument Trade Association

ISO 13485 : 2003

FDA 510K



## Our management tenet

Social responsibility

Shareholder value

Employee benefit



INFECTION CONTROL JIANZHONG STAND ON THE FIRST LINE O DEFENSE OF INFECTION CONTROL



## Product family



## Sterilization Packaging

Heat Sealing Sterilization Pouches Self Sealing Sterilization Pouches Heat Sealing Sterilization Reel Tyvek Sterilization Pouches Wrapping Crepe Paper SMMMS Wrapping Sheets



## Sterilization Indicator

Bowie & Dick Test Pack Sterilization Indicator Strips Autoclave Tape



## Medical Sealing Systems

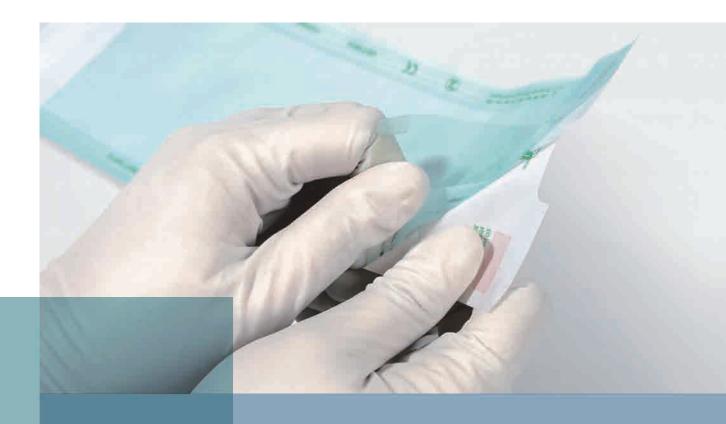
Automatic Cutting & Sealing Device
Sealer with Chinese & English print - out
Easy Sealer (Permanent Heated)
Workstation



## Industrial Packaging

Medical Grade Paper Composite Film Packaging solution for medical device manufacturer Uncoated Packaging Solutions





## Self Sealing Sterilization Pouch

MPACK Self Sealing Sterilization Pouches are compliant to ISO11140-1, ISO11607 and EN868-5, and are manufactured under our ISO13485 quality assurance standard.

- MPACK Self Sealing Sterilization pouches are pre-folded and easy&quick-sealing without sealing equipment.
- Toxic-free, lead-free process indicators for Steam, Ethylene Oxide and Formaldehyde sterilization.
- Superior microbial barrier with 60g or 70g medical grade paper. Superior resistance in wet strength, excellent performance especially in Steam sterilization.
- Transparent PET/CPP complex film,
- Clean and fiber-free opening.
- Triple band seal and one extra reinforce seal for better package integrity.
- Internal and external indicators.
- 180 days shelf life after sterilized.
- Certified by CE, FDA.

## Self Sealing Sterilization Pouch

Code	Description	Size	Unit/Box
SP057100	Self Sealing Sterilization Pouch	57mm x 100mm	200pcs
SP057135	Self Sealing Sterilization Pouch	57mm x 135mm	200pcs
SP070260	Self Sealing Sterilization Pouch	70mm x 260mm	200pcs
SP090165	Self Sealing Sterilization Pouch	90mm x 165mm	200pcs
SP090260	Self Sealing Sterilization Pouch	90mm x 260mm	200pcs
SP135285	Self Sealing Sterilization Pouch	135mm x 285mm	200pcs
SP190360	Self Sealing Sterilization Pouch	190mm x 360mm	200pcs
SP230410	Self Sealing Sterilization Pouch	230mm x 410mm	200pcs
SP300410	Self Sealing Sterilization Pouch	300mm x 410mm	200pcs





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## Heat Sealing Flat Pouches

Code	Description	Size	Unit/Box
HFP057130	Heat Sealing Flat Pouch	57mm x 130mm	200pcs
HFP057200	Heat Sealing Flat Pouch	57mm x 200mm	200pcs
HFP070230	Heat Sealing Flat Pouch	70mm x 230mm	200pcs
HFP075200	Heat Sealing Flat Pouch	75mm x 200mm	200pcs
HFP075250	Heat Sealing Flat Pouch	75mm x 250mm	200pcs
HFP090230	Heat Sealing Flat Pouch	90mm x 230mm	200pcs
HFP100250	Heat Sealing Flat Pouch	100mm x 250mm	200pcs
HFP100300	Heat Sealing Flat Pouch	100mm x 300mm	200pcs
HFP100380	Heat Sealing Flat Pouch	100mm x 380mm	200pcs
HFP135255	Heat Sealing Flat Pouch	135mm x 255mm	200pcs
HFP150200	Heat Sealing Flat Pouch	150mm x 200mm	200pcs
HFP150300	Heat Sealing Flat Pouch	150mm x 300mm	200pcs
HFP150380	Heat Sealing Flat Pouch	150mm x 380mm	200pcs
HFP190330	Heat Sealing Flat Pouch	190mm x 330mm	200pcs
HFP200300	Heat Sealing Flat Pouch	200mm x 300mm	200pcs
HFP200400	Heat Sealing Flat Pouch	200mm x 400mm	200pcs
HFP250380	Heat Sealing Flat Pouch	250mm x 380mm	200pcs
HFP250500	Heat Sealing Flat Pouch	250mm x 500mm	200pcs
HFP300450	Heat Sealing Flat Pouch	300mm x 450mm	200pcs
HFP400500	Heat Sealing Flat Pouch	400mm x 500mm	200pcs

## ntroduction

MPACK Heat Sealing Flat Pouches and Gusseted Pouches are compliant to ISO11140-1, ISO11607 and EN868-5, and are manufactured under our ISO13485 quality assurance standard.

- Toxic-free, lead-free process indicators for Steam, Ethylene Oxide and Formaldehyde sterilization
- Superior microbial barrier with 60g or 70g medical grade paper Superior wet strength, excellent performance especially in Steam sterilization.
- Transparent PET/CPP complex film.
- Clean and fiber-free opening.
- Triple band seal and one extra reinforce seal for higher package integrity.
- 180 days shelf life after sterilized.
- Certified by CE, FDA.



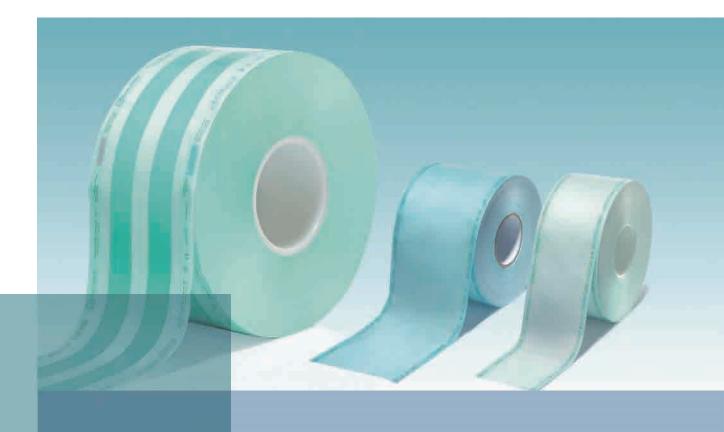
## Heat Sealing Gusseted Pouches

Code	Description	Size	Unit/Box	
HGP100300	Heat Sealing Gusseted Pouch	100mm x 300mm	200pcs	
HGP150300	Heat Sealing Gusseted Pouch	150mm x 300mm	200pcs	
HGP150400	Heat Sealing Gusseted Pouch	150mm x 400mm	200pcs	
HGP200400	Heat Sealing Gusseted Pouch	200mm x 400mm	200pcs	
HGP200450	Heat Sealing Gusseted Pouch	200mm x 450mm	200pcs	
HGP200500	Heat Sealing Gusseted Pouch	200mm x 500mm	200pcs	
HGP250500	Heat Sealing Gusseted Pouch	250mm x 500mm	200pcs	
HGP300600	Heat Sealing Gusseted Pouch	300mm x 600mm	200pcs	
HGP350600	Heat Sealing Gusseted Pouch	350mm x 600mm	200pcs	
HGP400600	Heat Sealing Gusseted Pouch	400mm x 600mm	200pcs	
HGP250380	Heat Sealing Gusseted Pouch	250mm x 380mm	200pcs	









## Heat Sealing Flat Reels and Gusseted Reels

MPACK Heat Sealing Flat Reels and Gusseted Reels are compliant to ISO11140-1, ISO11607 and EN868-5, and are manufactured under our ISO13485 quality assurance standard.

- Toxic-free, lead-free process indicators for Steam, Ethylene Oxide and Formaldehyde sterilization.
- Superior microbial barrier with 60g or 70g medical grade paper.
   Superior wet strength, excellent performance especially in Steam sterilization.
- Certified by CE, FDA.

- Transparent PET/CPP complex film.
- Clean and fiber-free opening.
- Triple band seal for higher package integrity.180 days shelf life after sterilized.

## Heat Sealing Flat Reel

Code	Description	Size	Unit/Box
HFR150100	Heat Sealing Flat Reel	150mm ×100m	6 Rolls
HFR050200	Heat Sealing Flat Reel	50mm x 200m	12 Rolls
HFR055200	Heat Sealing Flat Reel	55mm x 200m	10 Rolls
HFR075200	Heat Sealing Flat Reel	75mm x 200m	8 Rolls
HFR100200	Heat Sealing Flat Reel	100mm x 200m	6 Rolls
HFR150200	Heat Sealing Flat Reel	150mm x 200m	4 Rolls
HFR200200	Heat Sealing Flat Reel	200mm x 200m	2 Rolls
HFR250200	Heat Sealing Flat Reel	250mm x 200m	2 Rolls
HFR300200	Heat Sealing Flat Reel	300mm x 200m	2 Rolls
HFR350200	Heat Sealing Flat Reel	350mm x 200m	2 Rolls
HFR400200	Heat Sealing Flat Reel	400mm x 200m	2 Rolls
HFR450200	Heat Sealing Flat Reel	450mm x 200m	1 Rolls
HFR500200	Heat Sealing Flat Reel	500mm x 200m	1 Rolls

## Heat Sealing Gusseted Reel

Code	Description	Size	Unit/Box	
HGR075100	Heat Sealing Gusseted Reel	75mm x 100m	8 Rolls	
HGR100100	Heat Sealing Gusseted Reel	100mm x 100m	6 Rolls	
HGR150100	Heat Sealing Gusseted Reel	150mm x 100m	4 Rolls	
HGR200100	Heat Sealing Gusseted Reel	200mm x 100m	2 Rolls	
HGR250100	Heat Sealing Gusseted Reel	250mm x 100m	2 Rolls	
HGR300100	Heat Sealing Gusseted Reel	300mm x 100m	2 Rolls	
HGR350100	Heat Sealing Gusseted Reel	350mm x 100m	2 Rolls	
HGR400100	Heat Sealing Gusseted Reel	400mm x 100m	2 Rolls	







## Tyvek Sterilization Reels and Pouches

MPACK Tyvek Sterilization Reels and Pouches are compliant to ISO11140-1, ISO11607 and EN868-5, and are manufactured under our ISO13485 quality assurance standard.

- MPACK Tyvek Sterilization Reels and Pouches are made of a transparent peelable PET/PE film, combined with Tyvek from DuPont, with toxic-free process indicator certified by ISOIII40-I. It's suitable for Plasma sterilization with Hydrogen Peroxide VH202, Ethylene Oxide EO sterilization and radiation sterilization IRRAD.
- With excellent microbial barrier properties, breathability, flexibility, puncture resistance and sealing performance together.
- Clean and fiber-free opening.
- Certified by CE, FDA.
  - ▲ Tyvek is a registered trademark of the company DuPont

## Tyvek Sterilization Reels

Code	Description	Size	Unit/Box
TSR05570	Tyvek Sterilization Reel	55mm x 70m	6 Rolls
TSR07570	Tyvek Sterilization Reel	75mm x 70m	6 Rolls
TSR10070	Tyvek Sterilization Reel	100mm x 70m	4 Rolls
TSR15070	Tyvek Sterilization Reel	150mm x 70m	4 Rolls
TSR20070	Tyvek Sterilization Reel	200mm x 70m	2 Rolls
TSR25070	Tyvek Sterilization Reel	250mm x 70m	2 Rolls
TSR30070	Tyvek Sterilization Reel	300mm x 70m	2 Rolls
TSR35070	Tyvek Sterilization Reel	350mm x 70m	2 Rolls
TSR40070	Tyvek Sterilization Reel	400mm x 70m	2 Rolls

## Tyvek Sterilization Pouches

Code	Description	Size	Unit/Box
TSP075200	Tyvek Sterilization Pouch	75mm x 200mm	200pcs
TSP100250	Tyvek Sterilization Pouch	100mm x 250mm	200pcs
TSP100280	Tyvek Sterilization Pouch	100mm x 280mm	200pcs
TSP150300	Tyvek Sterilization Pouch	150mm x 300mm	200pcs
TSP200350	Tyvek Sterilization Pouch	200mm x 350mm	200pcs
TSP200400	Tyvek Sterilization Pouch	200mm x 400mm	200pcs
TSP250450	Tyvek Sterilization Pouch	250mm x 450mm	200pcs







Wrapping Crepe Paper

MPACK Wrapping Crepe Paper are compliant to ISOI 1607 and EN868-2, and are manufactured under our ISOI 3485 quality assurance standard.

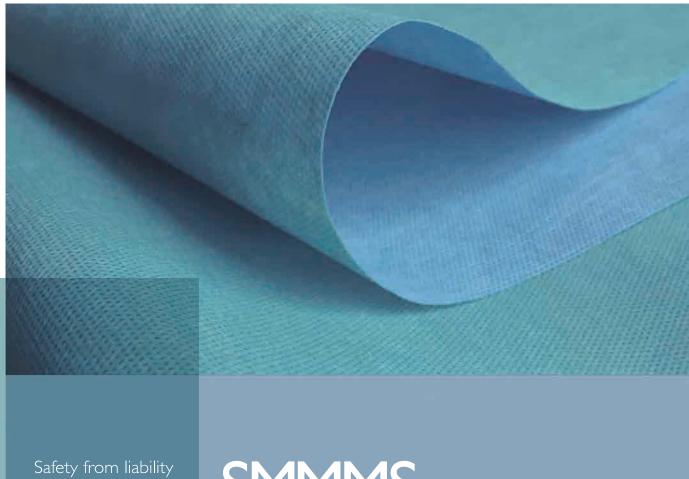
- MPACK offers wide range of wrapping crepe paper for different purposes, they are made by 100% cellulose material, and suitable
  for Steam, Ethylene Oxide, Formaldehyde and Irradiation sterilization methods, it's a safe and economical choice for wrapping of
  travs in CSSD.
- Excellent microbial barrier properties, breathability and flexibility.
- High Bacterial filtration efficiency (BFE).
- Soft grades for higher stretch and easier folding.
- Excellent Liquid Repellant.
- Color: blue green white Available in different sizes.

## Wrapping Crepe Paper

Code	Description	Size	Unit/Box
WCP3030	Wrapping Crepe Paper	30cm x 30cm	2000pcs
WCP4040	Wrapping Crepe Paper	40cm x 40cm	500pcs
WCP4545	Wrapping Crepe Paper	45cm x 45cm	500pcs
WCP5050	Wrapping Crepe Paper	50cm x 50cm	500pcs
WCP6060	Wrapping Crepe Paper	60cm x 60cm	500pcs
WCP7575	Wrapping Crepe Paper	75cm x 75cm	200pcs
WCP9090	Wrapping Crepe Paper	90cm x 90cm	200pcs
WCP100100	Wrapping Crepe Paper	100cm x 100cm	200pcs
WCP120120	Wrapping Crepe Paper	120cm x 120cm	100pcs







# SMMS Wrapping Sheet

MPACK SMMMS Wrapping Sheets are compliant to ISO11607 and EN868-2, and are manufactured under our ISO13485 quality assurance standard.

- MPACK offers wide range of SMMMS Wrapping sheets for different purposes, it consists of 5 non-woven polypropylene fabric layers, and suitable for Steam, Ethylene Oxide, Formaldehyde, Plasma and VH202 sterilization methods.
- Excellent microbial barrier properties, breathability and flexibility.
- High Bacterial filtration efficiency (BFE).
- Soft grades for higher stretch and easier folding.
- Excellent Liquid Repellant.
- Light(40g) medium(50g) heavy(60g) for choice. Color: blue green white bluegreen

## **SMMMS** Wrapping Sheet

Code	Description	Size	Unit/Box	
JZ0403030	SMMMS Wrapping Sheet	30cm x 30cm	2000pcs	
JZ0404040	SMMMS Wrapping Sheet	40cm x 40cm	500pcs	
JZ0404545	SMMMS Wrapping Sheet	45cm x 45cm	500pcs	
JZ0405050	SMMMS Wrapping Sheet	50cm x 50cm	500pcs	
JZ0406060	SMMMS Wrapping Sheet	60cm x 60cm	700pcs	
JZ0407575	SMMMS Wrapping Sheet	75cm x 75cm	200pcs	
JZ0409090	SMMMS Wrapping Sheet	90cm x 90cm	200pcs	
JZ040100100	SMMMS Wrapping Sheet	100cm x 100cm	200pcs	
JZ040120120	SMMMS Wrapping Sheet	120cm x 120cm	100pcs	
JZ040140140	SMMMS Wrapping Sheet	140cm x 140cm	100pcs	
JZ0505050	SMMMS Wrapping Sheet	50cm x 50cm	600pcs	
JZ0509090	SMMMS Wrapping Sheet	90cm x 90cm	250pcs	







## Sterilization Paper Bag

MPACK Sterilization Paper Bags are compliant to ISO11607 and EN868-4, and are manufactured under our ISO13485 quality assurance standard.

- Superior microbial barrier with 60g or 70g medical grade paper.
- Toxic-free, lead-free process indicators for Steam, Ethylene Oxide and Formaldehyde sterilization.
- Superior wet strength, excellent performance especially in Steam sterilization.
- 180 days shelf life after sterilized.

## Sterilization Paper Bag

Code	Description	Size	Unit/Box
А	Sterilization Paper Bag	90 × 50 × 125mm	2000pcs
В	Sterilization Paper Bag	90 × 50 × 250mm	1000pcs
С	Sterilization Paper Bag	110 × 30 × 190mm	1000pcs
D	Sterilization Paper Bag	140 × 75 × 250mm	1000pcs
E	Sterilization Paper Bag	190 × 65 × 250mm	1000pcs
F	Sterilization Paper Bag	140 × 50 × 330mm	1000pcs
H18	Sterilization Paper Bag	180 × 95 × 380mm	500pcs
J	Sterilization Paper Bag	100 × 50 × 150mm	1000pcs
K	Sterilization Paper Bag	150x25x330mm	1000pcs
L	Sterilization Paper Bag	250 × 100 × 380mm	500pcs
M	Sterilization Paper Bag	300x75x530mm	250pcs
N	Sterilization Paper Bag	300x125x610mm	250pcs
0	Sterilization Paper Bag	180x75x530mm	250pcs
Р	Sterilization Paper Bag	190x65x330mm	500pcs
Q	Sterilization Paper Bag	110x45x190mm	1000pcs
R	Sterilization Paper Bag	125x50x250mm	1000pcs
S	Sterilization Paper Bag	125x90x250mm	1000pcs
Т	Sterilization Paper Bag	380x125x510mm	250pcs
U	Sterilization Paper Bag	75x25x480mm	1000pcs
V12	Sterilization Paper Bag	125x25x150mm	1000pcs
W	Sterilization Paper Bag	125x50x560mm	250pcs
X	Sterilization Paper Bag	250x60x480mm	500pcs
Y	Sterilization Paper Bag	250x100x480mm	500pcs







## Bowie & Dick Test Pack and Sheets

MPACK Bowie & Dick test pack and sheets are single use test packs designed to evaluate the performance of the air removal system of pre-vacuum assisted sterilizers in compliance with EN285 and operating at  $134^{\circ}$ C for 3.5 minutes.

## Bowie & Dick Test Pack

Code	e Description	Size	Unit/Box	
BDTF	Bowie & Dick Test Pack	-	100Packs	

## Autoclave Tape & ETO Indicator Tape

MPACK autoclave tapes and ETO indicator tapes are designed for sealing all wrapping materials including crepe paper&SMMS/SMMMS wrapping sheet process indicator ink shows easy-reading color changes, to indicate packs sterilized or not.

## Autoclave Tape

Code	Description	Size	Unit/Box
AT12550	Autoclave Tape	12.5mm x 50m	180Rolls
AT19050	Autoclave Tape	19mm x 50m	117Rolls
AT20050	Autoclave Tape	20mm x 50m	117Rolls
AT25050	Autoclave Tape	25mm x 50m	90Rolls
AT24055	Autoclave Tape	24mm x 55m	90Rolls

## ETO Tape

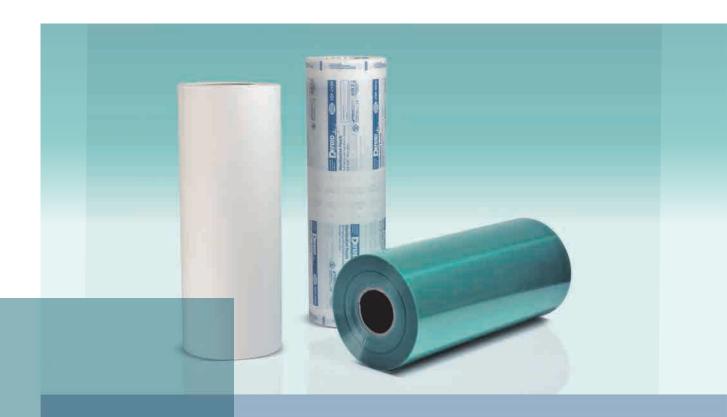
Code	Description	Size	Unit/Box
ET12550	ETO Tape	12.5mm x 50m	180Rolls
ET19050	ETO Tape	19mm x 50m	117Rolls
ET20050	ETO Tape	20mm x 50m	117Rolls
ET25050	ETO Tape	25mm x 50m	90Rolls

## Sterilization Indicator Strips

MPACK Sterilization indicator strips are designed to be used at ETO, Steam, Formaldehyde and Plasma sterilizers and in compliance with ISO11140-1.







Industrial Packaging Materials

## Medical Grade Film

MPACK offers different combination of films for Steam, ETO, Formaldehyde, Irradiation and Plasma sterilzation, including PET/PE(Peelable PE), PET/CPP(Non-Tearing), PA/PE, PP§PE(Pretreatment), PP§PA(Pretreatment), Laminating PE, Laminating PP, PSPE(Pretreatment), PSP

▲ "/": composite, "§": curtain coating

## Medical Grade Paper

MPACK offers a large range of medical grade papers for Steam, ETO, Formaldehyde and Irradiatio sterilization methods, coated or un-coated; Printed or un-printed or un-printed; 60g, 70g or 83g; Conforms to EN868-3, EN868-6 or EN868-7.

## Tyvek Material

Tyvek is a very unique material made by DuPont, with a high strength, high barrier and breathable material for medical packaging, suitable for ETO, Inradiation and Plasma sterilization.

Mpack offers including Tyvek 2FS, 1059B&1073B, coated or uncoated, printed or unprinted, and all of them are comform to EN868-9 or EN868-10.



Medical Grade Film

Medical Grade Paper

Tyvek Material







## Solution for medical device packaging

## Solution for medical device packaging

MPACK offers a large of range of medical sterilization packaging products for industry use, and offering solution of sterilization packaging according to customer needs.

01

Tyvek Header bags

Cover sheets and APET Tray

- Made by Tyvek and PE film
- Coated Tyvek/Medical Paper or Uncoated Tyvek/Medical Paper

- ETO & Plasma sterilization
- Pretreatment APET Tray specialized with Uncoated Tyvek/Medical Paper

• ETO indicator is available

02

Central - Seal Tyvek Pouch

04

Aluminum Foil Bags

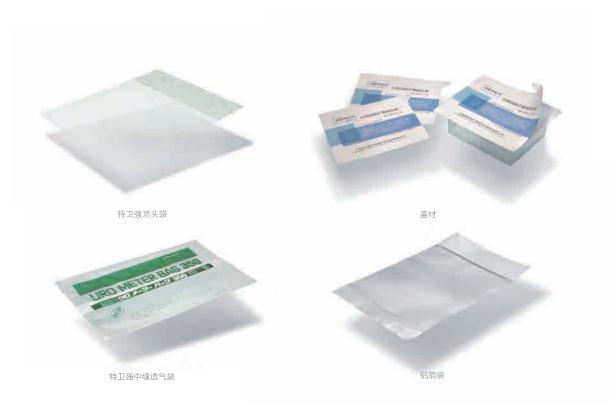
- Made by Tyvek and Composite film
- Over 25 years experience

ETO sterilization

Different material packages for choice

ETO indicator is available

Peelable Foil Bag





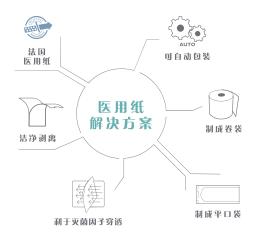
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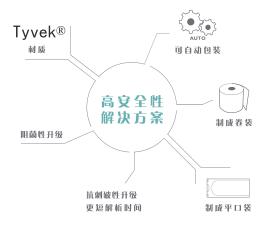


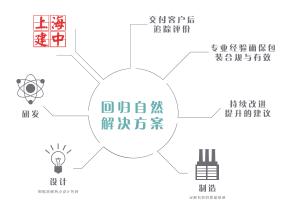


MPACK Uncoated Packaging Products are compliant to ISO11140-1, ISO11607 and EN868-5, and manufactured under ISO13485 quality assurance standard.

- Uncoated medical paper or tyvek lower risks by reducing coating process
- No coating residual
- Packed device would not be attached to coating
- Avoid package breakage by coating off under sterilization or transportation temperature
- No coating ingredients released during sterilization or analysis
- Better ventilation for sterilization factor and analysis















# APouchmaking Machines

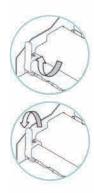
MPACK Brand sealing and cutting machine, using Germany's most professional manufacturer of medical sealing machine, sealing and cutting functions can be combined. According to the customer needs ,can set the length and number of bags, heat sealing time, precision cutting and heat sealing, and conduct Precision cutting and sealing, but also on the classification and management of bags.

The cutting speed can be as high as 5000 pieces per hour. The exquisite metal appearance, low power consumption and great efficiency of sealing and cutting can greatly improve the efficiency and provide more excellent sealing and cutting programs for hospitals, clinics and other medical institutions. Fully applicable to any paper and plastic materials, including Tyvek and French paper.



01

- Do not need many sets of equipment, a device can complete the whole process.
- Process multiple reels&Save 70% labor cost
- Efficiency\*6 than regular device
- Automatic cutting feeding&sealing
- Temperature heating fast, sealing and cutting time is short.
- Optional cutting or sealing a single step, or even multiple sealing.
- Automatic neatly stacked.





02

- Built-in system easy to operate, can retain the user seal cutting program, a key to quickly switch.
- German original import system, with the scanning machine and coders used in conjunction.

