

DESCRIPTION:

Sterilization Reels and Pouches are used for sterilization, preform a sterile barrier system to protect contents keep in a sterile condition.

The packing are widely used in Hospital, Dentistry, Laboratory and Beauty.

MATERIALS:

- Medical Grade Paper(60GSM)
- Transparent Laminated Film(38 μ m CPP+12 μ m PET)
- Adhesive Tape (only for self-sealing type)
- Chemical Indicator

STERILIZATION METHOD:

- Suitable for STEAM / Ethylene Oxide / Formaldehyde only.
- The method determined by packed contents own nature.

INSTRUCTION FOR USE:

- Choose suitable size to ensure 1/3 capacity without contents.
- Place instrument inside pouches and seal the open side by sealing machine.
- Position the packing either plastic on plastic or paper on paper to allow good circulation of sterilizing agent.
- To open, detach pre-seal point and peel back on the "V" side(pouches) or heat sealed section(reels) to allow for aseptic opening and presentation of instrument.
- Recommended sealing temperature 170 to 180 $^{\circ}$ C.

STORAGE:

- Keep in dry areas away from light and heat.
- Temperature between 15 $^{\circ}$ C - 30 $^{\circ}$ C.
- Humidity between 30% - 60% RH.

SHELF LIFE:

- 5 year from date of manufacturing.

CONFORMITY:

- EN868-5, ISO11607-1, ISO11140-1.

ORIGIN:

- China

CE MARK:

- Outer carton and Inner product.

TECHNICAL DATA:

	PROPERTY	REF. RANGE		STANDARD	RESULT
		VALUE	UNIT		
Medical Paper	Grammage	60±2	g/m ²	EN868-3	60
	Sulphate Content	0.25	%	EN868-3	0.03
	PH	5-8	/	EN868-3	7.5
	Thickness	80±5	µm	ISO 534	82
	Air Permeance	≥3.4	µm/Pa·s	ISO 5636-5	4.4
	Bendtsen Roughness	≤500	mL/min	ISO 8791-2	350
	Tensile Strength MD	≥4.4	kN/m	EN868-3	6.1
	Tensile Strength CD	≥2.2	kN/m	EN868-3	2.9
	Wet Tensile Strength MD	≥0.8	kN/m	EN868-3	1.02
	Wet Tensile Strength CD	≥0.45	kN/m	EN868-3	0.63
	Tearing Strength MD	≥550	mN	EN868-3	2000
	Tearing Strength CD	≥550	mN	EN868-3	1680
	Burst Strength	≥230	kPa	EN868-3	271
	Wet Burst Strength	≥35	kPa	EN868-3	189
	Water Repellency	≥20	s	EN868-3	32
	Pore Diameter	≤35	µm	EN868-3	7
	Cobb Test(60s)	≤20	g/m ²	EN868-3	12
Fluorescence	≤5	pts/dm ²	EN868-3	0	
Laminated Film	PROPERTY	REF. RANGE		STANDARD	RESULT
		VALUE	UNIT		
	THICKNESS	50±5	Micron	ASTM D374	52
	Tearing Strength MD&CD	≥30	N	SCAN P=67	40
	Elongation Strength	≥110	%	GB13735	121
	Tearing Strength	≥3	N	ASTM D882	5.4
	Peeling Strength	≥5	N	EN 868-5	7.2
Volatile	≤2	mg/m ²	GB13735	0.6	
Pouches	PROPERTY	REF. RANGE		STANDARD	RESULT
		VALUE	UNIT		
	Sealing Strength	≥1.5	N/15mm	EN 868-5(app.D)	3.2
	Wet Sealing Strength	≥1.2	N/15mm	EN 868-5(app.D)	1.8
	Bubble Test	/	/	EN 868-5(app.A)	None
	Burst Test	/	/	EN 868-5(app.A)	None
	Pinhole Test	/	/	EN 868-5(app.B)	None
Peeling Test	/	/	EN 868-5(app.C)	None	
Indicator	Sterilization Method	Original Color		Final Color	
	STEAM	Blue		Black Green	
	EO	Red		Orange	