



Sterilization Gusseted Reel

Room for Bulky Sets. · SKU KD-SB-GR

Gusseted paper/film sterilization reel, 100 m per roll, with expandable side pleats for bulky instrument sets, bowls and kits. Widths from 50 mm to 500 mm; steam, EO and formaldehyde indicators printed.

The gusseted sterilization reel adds folded side pleats to the standard paper/film tube, so the pack can expand to hold bowls, instrument trays, tubing sets and other bulky items without stressing the seals. It is supplied in 100 m rolls in twelve widths and is cut and sealed in the same way as the flat reel.



Specifications

Product Name	Sterilization Gusseted Reel
Roll Length	100 m per roll
Widths	50, 55, 75, 100, 150, 200, 250, 300, 350, 400, 450, 500 mm
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	Multi-line side seals, burst-resistant
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 and laboratories packaging bulky instrument sets, bowls, kits and tubing.

Packaging & shipping

Size (inch)	Size (mm)	Packing	Carton (mm)	N.W. (kg)	G.W. (kg)
2"	50 mm × 100 m	12 rolls/ctn	420 × 220 × 320	9.5	10.5
2.2"	55 mm × 100 m	12 rolls/ctn	420 × 220 × 350	10.5	11.5
3"	75 mm × 100 m	8 rolls/ctn	420 × 220 × 320	9.5	10.5
4"	100 mm × 100 m	6 rolls/ctn	420 × 220 × 320	9.5	10.5
6"	150 mm × 100 m	4 rolls/ctn	420 × 220 × 320	9.5	10.5
8"	200 mm × 100 m	2 rolls/ctn	420 × 220 × 220	6.5	7.5
10"	250 mm × 100 m	2 rolls/ctn	420 × 220 × 270	8	9
12"	300 mm × 100 m	2 rolls/ctn	420 × 220 × 320	9.5	10.5
14"	350 mm × 100 m	2 rolls/ctn	420 × 220 × 370	11	12
16"	400 mm × 100 m	2 rolls/ctn	420 × 220 × 420	12.5	13.5
18"	450 mm × 100 m	2 rolls/ctn	420 × 220 × 470	14	15
20"	500 mm × 100 m	2 rolls/ctn	420 × 220 × 520	15.5	16.5

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.



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