



STERILIZING PACKAGING SOLUTIONS

INFECTION CONTROL & MONITORING  
SOLUTIONS FOR HEALTH CARE

# STERILIZATION FLAT REELS

Maximum Protection high  
resilience and excellent peelability

Designed to ensure safety, hygiene and ease of use, MEDIBLUE reels provide the best anti-microbial protection, and by simplifying the instrument sealing process, optimise autoclaving as well as storage and peelability on opening. Its wide range of products suitable for all types of sterilization and its extensive range of formats and customisable solutions provide the best choice in terms of the right packaging for every artical or products set.

- + Safe**  
Excellent microbial barrier protection with high-performance strength and resilience.
- + versatile**  
Suitable for various types of sterilisation across a broad range of formats compatible with all sealing equipment.
- + reliable**  
With added lateral waterproof grooved seals for maximum protection, optimum peelability and residue-free.
- + material**  
They are typically made of a heat-sealable, medical-grade, and non-toxic plastic material. The most common materials used are medical-grade paper and transparent plastic film.
- + Design**  
Sterilization reels are available in various sizes and designs, including flat reels and gusseted pouches. They often have indicator markings to show whether the package has been properly sterilized.
- + Sterilization methods**  
They are compatible with various sterilization methods, including steam sterilization (autoclaving), ethylene oxide (EtO) sterilization, and gamma radiation.
- + Sealing**  
The reels are sealed using a heat-sealing machine to ensure an airtight and sterile barrier.



# FLAT REELS



Sterilization flat reels are a specific type of packaging used in the healthcare industry for the sterilization and storage of medical instruments and devices. They are designed to maintain the sterility of these items until they are ready for use in clinical or surgical settings. Here are some key characteristics and information about sterilization flat reels:



## Classification

Class I MD non sterile



## Material

60 GSM medical grade paper laminated with 30 micron plastic film (PET16/PP30)



## Dimension

Available in various sizes



## Sterility

Suitable for STEAM and EO sterilisation

## STERILIZATION COMPATIBILITY

- Sterilization flat reels are compatible with various sterilization methods, including steam sterilization (autoclaving), ethylene oxide (ETO) sterilization, and gamma radiation. The choice of sterilization method depends on the type of medical instruments being packaged.

# 200 Meters Flat Reels

## Ordering information

CODE	SI E	IECES
MB 050	50mm x 200mtr.	20
MB 075	75mm x 200mtr.	12
MB 100	100mm x 200mtr.	10
MB 125	125mm x 200mtr	08
MB 150	150mm x 200mtr.	06
MB 200	200mm x 200mtr.	04
MB 250	250mm x 200mtr.	04
MB 300	300mm x 200mtr.	02
MB 350	350mm x 200mtr.	02
MB 400	400mm x 200mtr.	02
MB 450	450mm x 200mtr.	02
MB 500	500mm x 200m	02



### serFriendly

Process indicators to distinguish sterilised from non-sterilised products.

## Non-Standard Sizes on request



Process indicators



Optimum Peelability

# Tyvek® reels

Made from transparent medical grade plastic PE PE or P PE film combined with coated or non-coated Tyvek®, they are indicated in ethylene oxide and radiation sterilization.

Tyvek® is a non-woven material made from pure, high density polyethylene fibres. Ultra-resilient, durable and light, it ensures an excellent resistance to microbial penetration, tears and perforations, as well as having excellent peelability.



## Classification

Class I MD non sterile



## Material

(Optional) gloss or non-gloss Tyvek laminated onto a OPA/PE or PET/PE film



## Dimension

Available in various sizes



## Sterility

Suitable for EO and Plasma sterilisation



# 70 meters yvek ® reel

## Ordering information

Code	Size mm	Pieces
MBT 075 70	75	12
MBT 100 70	100	10
MBT 150 70	150	6
MBT 200 70	200	4
MBT 250 70	250	4
MBT 300 70	300	2
MBT 350 70	350	2
MBT 400 70	400	2
MBT 450 70	450	2
MBT 500 70	500	2

on-standard sizes on re uest



## Resilient

Maximum resistance to tears, perforations, water, U rays and chemical substance.



yvek allows the rapid flow of the sterilization agent without absorbing it

# Flat pouches

Made from kraft medical grade paper and coloured medical grade plastic film (hatterless PE PP), they are consistently robust during the sterilization phase with optimum peelability on opening, without releasing any paper fibers or tearing the plastic material. They are indicated in ethylene oxide and steam sterilization.



## Classification

Class I MD non sterile



## Material

150-200 gsm medical grade paper laminated with 100 micron plastic film PE PP



## Dimension

available in various sizes



## Sterility

Suitable for E, M and E sterilisation



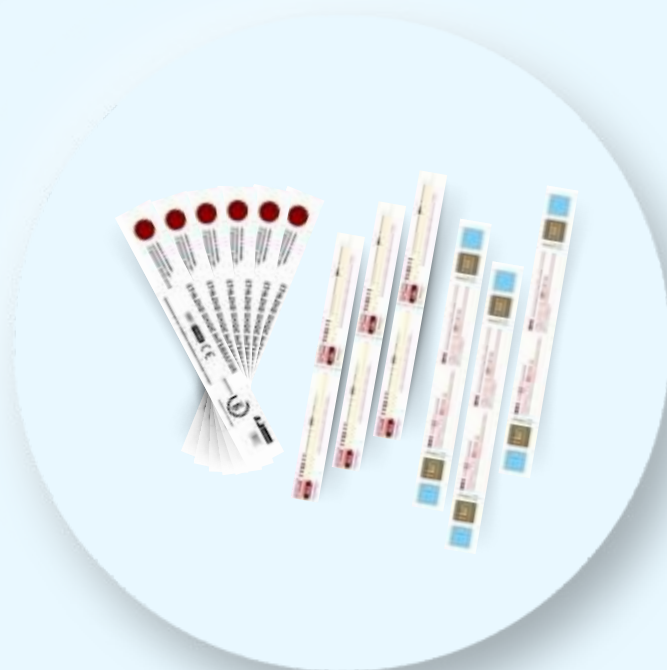
# CSSD PRODUCTS





## Sterilization

Mediblu products are designed for use during the different stages of a decontamination process (cleaning, disinfection and sterilization) and are available for almost all types of process.



## Disinfection



Sterilization

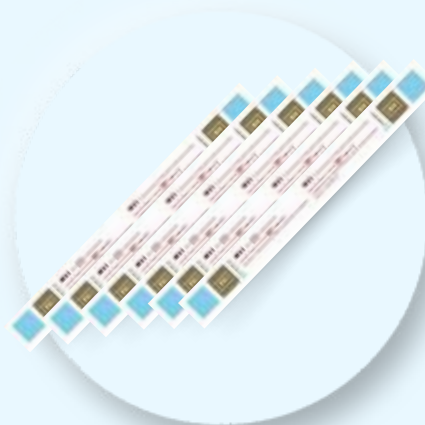
## Descheck

Emulating indicators for use in moist heat disinfection processes.

Descheck indicators conform to IEC 60601-1-2 Class II requirements.

Descheck indicators conform to IEC 60601-1-2 Class II requirements.

The Descheck range provides an accurate, convenient method of routine control for moist heat processes. When distributed throughout the load, the indicators provide visual confirmation of conditions achieved at point of placement. The vivid colour change from yellow to blue gives clear evidence of the conditions attained, thus allowing a quick and easy assessment of the success of the process.



Disinfection

## Formaldehyde Load Check

## Formaldehyde Control Indicators

Low temperature process when high temperature steam cannot be used

Formaldehyde Load Check Indicators conform to IEC 60601-1-2 Class II requirements.

Formaldehyde Control Indicators conform to IEC 60601-1-2 Class II requirements.

The Browne Formaldehyde Load Check uses the helix method to be placed on the outside of a barrier system, whereby every pack being sterilized. The formaldehyde has to penetrate the spots change colour after passing down the helical tubing to reach through the process allowing the indicator differentiation between processed and unprocessed loads.



## Bowie Dick Test Pack

A unique combination of advance Browne intelligent ink technology and the original Bowie Dick concept

Ref: 7756

121° C-124° C for 8 - 8.3 minutes

20 test packs/box

Conforms to ISO 11140-4(3) Class 2

The Browne 121° C TEST Test Pack has a maximum plateau of 8.3 minutes. This enables the sensitivity of a 121° C Bowie Dick Test to be comparable to that of a 134° C Bowie Dick Test.

## Bowie Dick Test Pack

A unique combination of advance Browne intelligent ink technology and the original Bowie Dick concept

Ref: 7766

134° C-137° C for up to 3.5 minutes

20 test packs/box

Conforms to ISO 11140-4(3) Class 2

A successful test confirms that steam penetration into a test pack is rapid and even and, by implication, that air and other non-condensable gases have been effectively removed. The chemical indicator sheet at the centre of the pack shows a defined colour change from yellow to dark blue/purple when exposed to a specific combination of time, temperature and steam.

## Intelligent Ink Technology



Unused



Pass



Fail - Air pocket



Fail - Non condensable gas



Fail - Wet steam



Fail - Superheat

Typical examples- actual results may differ.



### TEST Helix

Type B Steam Penetration Testing designed to monitor Steam Penetration into Lumen type devices

**Ref: 7836**

TEST Helix and 250 indicators - 134° C-137° C for up to 3.5 minutes

Conforms to EN 867-5(4)

The Browne TEST Control Helix is a Hollow Load Process Challenge Device (PCD) and has been developed and validated for testing the air removal (steam penetration) capability of small Type B steam sterilizers.

Use in any other sterilizer or with any other type of indicator, may give dangerously misleading results.



### Small Steam Sterilizer Test Pack

Type B and S Steam Penetration Testing

**Ref: 7846**

TEST Bowie Dick Test Pack for Eschmann Little sister 3 Vacuum & SES 2000 Vacuum 10 test packs/box

**Ref: 7856**

TEST Bowie Dick Test Pack for Prestige Medical (22, 16 & 11 Litre) 10 test packs/box

**Ref: 7866**

TEST Bowie Dick Test Pack for Getinge GE 224 c Vac & Citomat 164 V 20 test packs/box

**Ref: 7876**

TEST Bowie Dick Test Pack for W&H Lisa MB 17/22 10 test packs/box

**Ref: 7886**

TEST Bowie Dick Test Pack for Matachana M20 - B 20 test packs/box  
Conforms to EN 13060(6) and EN 867-5(4)

The TEST Bowie Dick test pack is a Porous Load Process Challenge Device (PCD) that has been developed and validated for testing the air removal (steam penetration) capability of the above specific brands of small Type B steam sterilizers.

# STERILIZATION WRAP SHEET

## Strength meets durability.

In an ideal world, shelves are smooth as glass, sets are carefully placed and never slid, space is ample, and instrument sets are never stacked – especially not those weighing 17 pounds or more.

**But in the real world** The reality is almost always the opposite, and that means holes, tears and abrasions are common – leading to compromised instrument sets and wasted time and wrap.

Constructed of ultrasonically bonded pink and blue sheets for contrast and set differentiation, Gemini Titan Wrap is made to hold strong under the **toughest conditions**:



**Large, bulky sets** like orthopedic trays



**Exposed wire rack shelving**

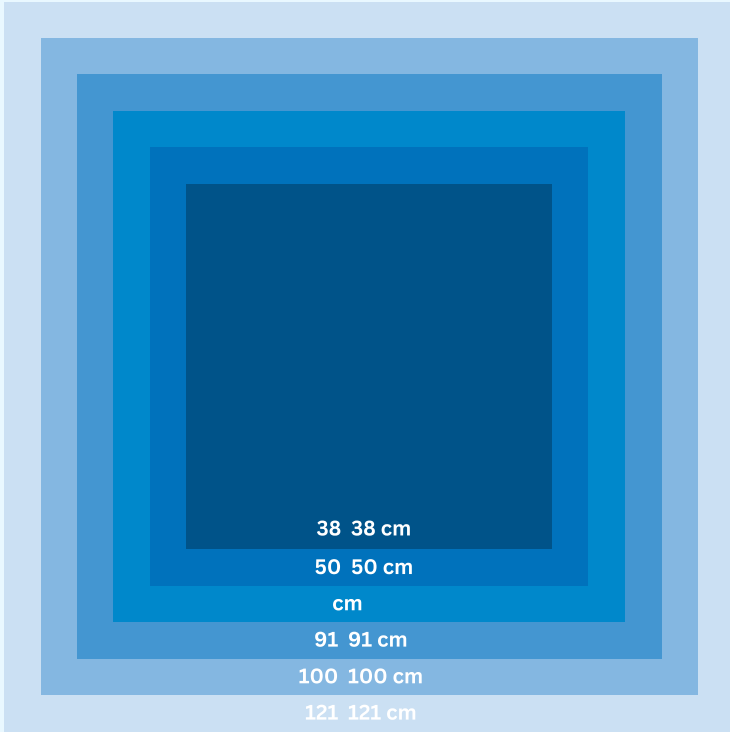


**Stacking** resulting from inadequate storage space



**Concentrated pressure areas** like rough or bumpy basket edges





## 6 Available in 6 Dimensions

Products Code	Dimensions	Weight
BS S38	38 38 C	100 OS. per pack
BS S50	50 50 C	100 OS. per pack
BS S	91 91 C	100 OS. per pack
BS S91	91 91 C	50 OS. per pack
BS S100	100 100 C	50 OS. per pack
BS S121	121 121 C	50 OS. per pack

## LABELING SOLUTIONS



## SEALING MACHINE



## PROCESS INDICATOR TAPES



## EO CARTRIDGES



## BIOLOGICAL INDICATORS



SCBI STEAM



SCBI PLASMA



SCBI EO



DIGITAL  
INCUBATOR

## CORORID MEDPINK

(Anti Microbial Hand Rub)

### Composition

Each 100 ml contains  
Isopropyl Alcohol IP 70% v/ V  
Chlorohyden Gluconate  
Solution IP 2.5% v/ V  
Eamollients & Moisturizers (QS)

### Application

Hygienic Hand Antiseptis  
Surgical Hand Antiseptis



100 ML | 500 ML | & 5 L

## CORORID MEDBLUE

(Anti Microbial Hand Rub)

### Composition

Each 100 ml contains  
2-Prapanol (IPA) IP 45g  
1-Prapanol IP 30g  
Mecetronium Ethyl  
Sulpjate 0.2g  
Emollients & Moisturizers (QS)

### Application

Hygienic Hand Antiseptis  
Surgical Hand Antiseptis



100 ML | 500 ML | & 5 L

## CORORID HAND RUB

IPA Advance -75 (Anti Microbial Hand Rub)

### Composition

Each 100 ml contains  
Isopropyl Alcohol 75% v/ V  
Hydrogen Peroxide 0.125% v/V  
Glycerol 1.45% v/ V

### Application

Hygienic Hand Antiseptis  
Surgical Hand Antiseptis



100 ML | 500 ML | & 5 L

## CORORID GHG SCRUB 4%

Antiseptic Surgical Hand Scrub

### Composition

Each 100 ml contains  
Chlorohexidine Gluconate  
IP 20% v/V (4%v/V)  
Emollients & Moisturizers

### Application

Antiseptic Surgical  
Hand Scrub / Wash



100 ML | 500 ML | & 5 L

## CORORID PREP -XDN

Surgical Skin Antiseptis

### Composition

Each 100 ml contains  
Clorhexidine Gluconate  
IP 10% v/V 2% w/V  
Isopropyl Alcohol  
IP 70% v/V

### Application

Surgical Skin Antiseptis  
(Skin Prepping)



100 ML | 500 ML

## CORORID SD-20

Rapid Surface Disinfection Spray

### Composition

Each 100 ml contains  
Isopropyl Alcohol IP 70ml  
Deminiarlozed Water 30ml

### Application

Rapid Surface Disinfection  
(Instant & Emergency Disinfection)



250 ML With Spray | 500 ML with Spray | 5L

## CORORID BROAD SPECTRUM DISINFECTANT 256

Multipurpose Disinfectant Concentrate

### Composition

Each 100 ml contains  
Didecyl Deminethyl Ammonium  
Chloride 8.70% W/V  
N-Alkyl Deminethyl Benzyl Ammonium  
Chloride 8.19% W/V  
Excipients 81.11%

### Application

Mopping, Spraying & fogging  
(General, Semi Critical & Critical Areas)  
Linen Disinfection  
100 ML | 500 ML | & 5 L



# DISPOSABLES

## Face Masks Variants

- ▶▶ 2 Ply Masks Tie/ Loop
- ▶▶ 3 Ply Mask Tie/Loop
- ▶▶ Face Masks with Eye Shield
- ▶▶ Beard Masks
- ▶▶ Activated Carbon Masks



## DISPOSABLE HEAD CAPS

### Bouffant/Nurse/ Crimp Caps

- ▶▶ Made from spun-bond Polypropylene fabric
- ▶▶ Fabric specifications 10-15 GSM
- ▶▶ Air-permeable fabric allows better air circulation
- ▶▶ Elastic ensures a perfect fit



### Round Caps

- ▶▶ Made from spun-bond Polypropylene fabric
- ▶▶ Air-permeable fabric allows better air circulation
- ▶▶ Elastic ensures a perfect fit
- ▶▶ Fabric Specification - 20 to 30 GSM



### Hood Caps & Hood with Eye Shield

- ▶▶ Made from spun-bond Polypropylene fabric
- ▶▶ Air-permeable fabric allows better air circulation
- ▶▶ Elastic ensures a perfect fit
- ▶▶ Fabric Specification - 20 to 30 GSM

## SHOE COVERS

### Variants

- ▶▶ PE Shoe Covers
- ▶▶ Non Woven Shoe Covers
- ▶▶ EVA Shoe Covers

### Features

- ▶▶ Prevents spread of contaminants in a controlled environment
- ▶▶ Made of non-abrasive Polyethylene film (30 micron LDPE or EVA or spunbond 25 GSM Polypropylene fabric) Length - 16 inches and Height - 6.5 inches
- ▶▶ Elastic ensures a comfortable fit



## GOWNS & APRONS

### Variants

- ▶▶ Patient gown (Non Woven/SMS/SMMS)
- ▶▶ Attender Gown
- ▶▶ Reinforced Gowns
- ▶▶ Surgeon Gown (Non Woven/SMS/ SMMS)
- ▶▶ Wrap around gown
- ▶▶ Scrub Suits
- ▶▶ EVA Apron
- ▶▶ PE Apron
- ▶▶ Coverall Suits
- ▶▶ Dental Apron
- ▶▶ Non Woven Lab coat



## UNDERPADS

### Sizes Of Underpads

60 cm X 60 cm

60 cm X 180 cm

60 cm X 90 cm



### Features

- ▶▶ Keeps beds, Chairs & Other surfaces Dry.
- ▶▶ Netted Channel for faster liquid absorption.
- ▶▶ Made of soft and fine fluff Pulp.
- ▶▶ Comes into packs of 1 / 5 / 10 Packs as per requirements.

### Benefits

- ▶▶ Easy to use
- ▶▶ High absorbency
- ▶▶ Soft top layer of non woven
- ▶▶ Non toxic and Pyrogen free.

## ADULT DIAPERS

### Sizes of Adult Diapers

- ▶▶ Medium
- ▶▶ Large
- ▶▶ Extra Large

### Features

- ▶▶ Tension free comfort and relaxing feeling.
- ▶▶ Gives you a sense of security and safety.
- ▶▶ For bed ridden patients, it is the option to prevent any bed sores for rashes.
- ▶▶ Release the problem of bad order due to wetness
- ▶▶ Ideal for both men and women



### Benefits

- ▶▶ Easy to use
- ▶▶ High absorbency
- ▶▶ Non toxic and Pyrogen free.

## GLOVES

### Ethyl Vinyl Acetate (EVA) Gloves

- ▶▶ Available in sterile and non sterile variants
- ▶▶ Available in various sizes (Small, Medium and Large) to ensure proper fit
- ▶▶ Smooth for better sensitivity
- ▶▶ Powder-free and odourless
- ▶▶ Tested to ensure nil allergic effects or skin irritations.
- ▶▶ Ambidextrous and easy to wear
- ▶▶ Good strength



### LATEX & NITRILE GLOVES

- ▶▶ Made from Rubber Comes in small, medium, larges and X large sizes
- ▶▶ Ambidextrous Superior quality

## BED BATH TOWELS CHLORHEXIDINE WIPES

### Sizes Of The Towelettes

320 mm X 320 mm

240 mm X 320 mm

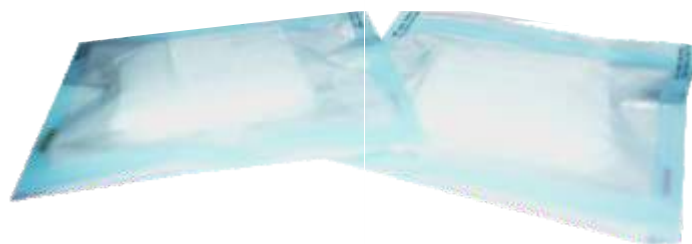
any other sizes can be made as per requirement



### Benefits

- ▶▶ Easy to use
- ▶▶ No water spillage
- ▶▶ Anti Bacterial
- ▶▶ Saves manning/  
nursing costs and time.
- ▶▶ Bio-degradable
- ▶▶ Comes into re-sealable packs

## GAUZE DISPOSABLES



UN STERILE					
Bandage 4 inch	1 pac - 10 pcs	10 cm X 3 mtr	Gauze Swab	1 pac - 100 pcs	5 cm x 5 cm 12 ply
Bandage 6 inch	1 pac - 10 pcs	15 cm X 3 mtr	Gauze Swab	1 pac - 100 pcs	7.5 cm x 7.5 cm 12 ply
Gamjee Roll	1 pac - 1 roll	15 cm x 1 mtr	Gauze Swab	1 pac - 100 pcs	10 cm x 10 cm 12 ply
Combine Dressing Pad	1 pac - 10 pcs	10 cm x 15 cm	Gauze Swab	1 pac - 100 pcs	10 cm x 10 cm 12 ply with X ray
Combine Dressing Pad	1 pac - 10 pcs	15 cm x 20 cm	Cotton Balls	1000 pcs	



**VRK MEDITECH**

## STERILIZING PACKAGING SOLUTIONS

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