









Especialistas en Esterilización y Envase

EEE, now part of Sterimed Group, was founded in 1983 based on experience in healthcare industry initiated since 1970. EEE manufactures high quality products, featuring innovative characteristics and contributing in sterilization education and research. The group headquarter and main plant are based on Mexico City with an additional factory manufacturing disposable apparels in Jalisco. Sales offices are located in Costa Rica, Colombia, Chile, Panama and Argentina. EEE is a team of more than 400 passionate associates daily acting within the philosophy of conformity to all international quality standards, with the commitment to provide excellence in products and services, aming to improve every day by having its customers confident in the fulfillment of their highest expectations.



Certifications:

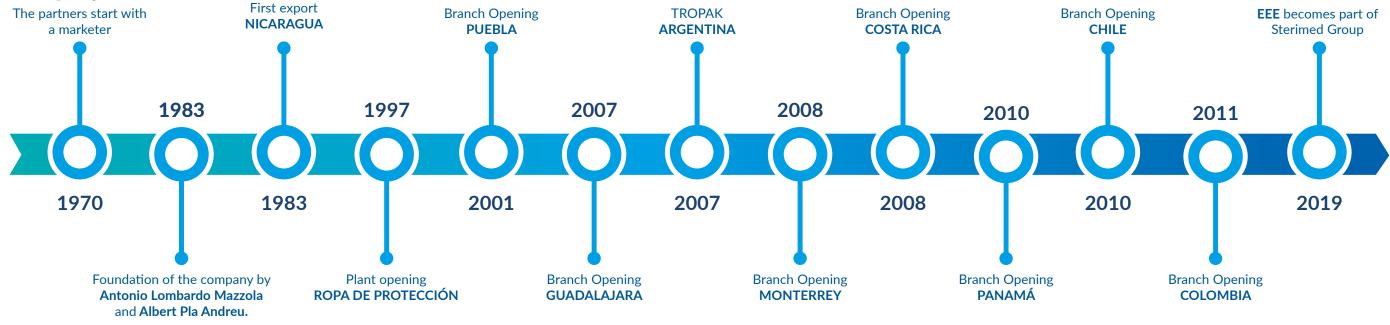
- ISO 9001:2015
- ISO 13485:2016
- ISO 11607-1:2019
- GMP (Good Manufacturing Practices)
- Industria Limpia

We export our products to:

- Bolivia
- Dominican Republic
- Ecuador
- •El Salvador
- Finland
- France
- Guatemala
- HondurasMalaysia
- Nicaragua
- Peru
- Spain
- United States
- Uruguay



Company Evolution



Products:

- PMG® Medical grade paper bags
- PMG® See through pouches and reels
- See through pouches and reels of Tyvek[®]
- PMG[®] Medical creped paper for wrapping
- TACK MAT® Bacteriostatic mats
- Sealing machine EEE 1500mi
- DHIGIENEEE® Disposable protective clothing
- COLOR TEST® Chemical indicators
- COLOR TEST® Bowie and Dick test
- Esteritech® Indicator tape for EtO and Steam
- DHIGIENEEE® Face masks









Esteritech®

PMG® Paper bags







Catalog	Widht (cm)	Length (cm)	Gusset (cm)	Unit per Box
PAR 010	25	30		1000
PAR 022	6	15.5	3	1000
PAR 023	6	18	3	1000
PAR 026	7.5	23	4	1000
PAR 028	12	26	4	1000
PAR 029	14	33	4.5	1000
PAR 031	7.5	48	4	1000
PAR 032	18	33	6	1000
PAR 034	11	18	4	1000
PAR 035	25	38	8	500
PAR 037	32	62	12	250
PAR 038	38	51	12.5	250
PAR 039	38	61	12.5	250

EEE packaging comply with the following standards:

- •ISO11607 Standard that is currently accepted internationally for sterilization packages
- European Comision Regulations Standards EN868-4

Medical grade paper bags are useful in sterilization of general materials and instruments that do not require visual identification and inspection.

Features:

- 1. Thumb cut for an easy opening.
- 2. Controlled porosity.
- 3. High resistance.
- 4. Design for Steam and Ethylene-Oxide Gas sterilization; each bag includes external chemical sterilization
 - Bags are also useful for Gamma and Formaldehyde sterilization processes.
- 5. Thermosealer band for the final sealing of the package.
- 6. Thread opening system* Pat. No. 291594.
- 7. Wide range of sizes.
- * Optional





Medical grade paper bag used as cover for bottles

Catalog	Widht (cm)	Length (cm)	Gusset (cm)	Unit per Box
PAR 013	9	12.5	5	1000
PAR 018	6	12	3.5	1000

Features:

- 1. Controlled porosity
- 2. High resistance

PAR013

Funda para Biberón

PAR018

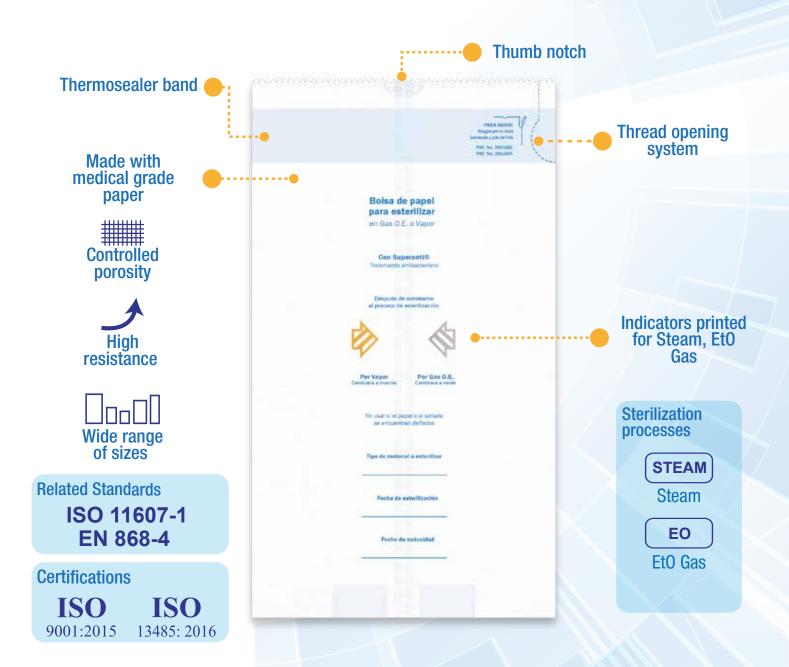
Por Vapor
Cambiará a marrón
Funda para Biberón
Servicio:
No. de Cama:
Fórmula:
No usar si el papel o el sellado se encuentran dañados
Tipo de material a esterilizar
Fecha de esterilización
Fecha de caducidad

PMG® is Trademark of EEE.

PMG® Paper bags



Features



PMG® See through pouches





EEE packaging comply with the following standards:

- •ISO11607 Standard that is currently accepted internationally for sterilization packages
- European Comision Regulations Standards EN868-5

Sterilization pouches are made of medical grade paper in one side and a transparent film compound in the other, for visual inspection purpose.

Features:

- 1.Identification of contents.
- 2.Controlled porosity.
- 3. High resistance.
- 4.These pouches are designed for Steam, Ethylene-Oxide Gas and Formaldehyde sterilization processes, they include external chemical sterilization indicators. They are also useful for gamma radiation sterilization processes.
- 5. Wide range of sizes.

PMG® See through pouches

Catalog	Widht (cm)	Length (cm)	Unit per Box
PAR103	7.5	28	1000
PAR104	10	21	1000
PAR106	10	28	1000
PAR107	10	42	1000
PAR109	15	21	1000
PAR110	15	28	1000
PAR113	20	42	1000
PAR115	25	51	500
PAR116	25	36	1000
PAR120	15	36	1000
PAR124	7.5	58	1000
PAR137	30	36	1000
PAR138	30	51	500
PAR141	40	58	250
PAR173	22	28	1000

PMG® See through pouches with gusset

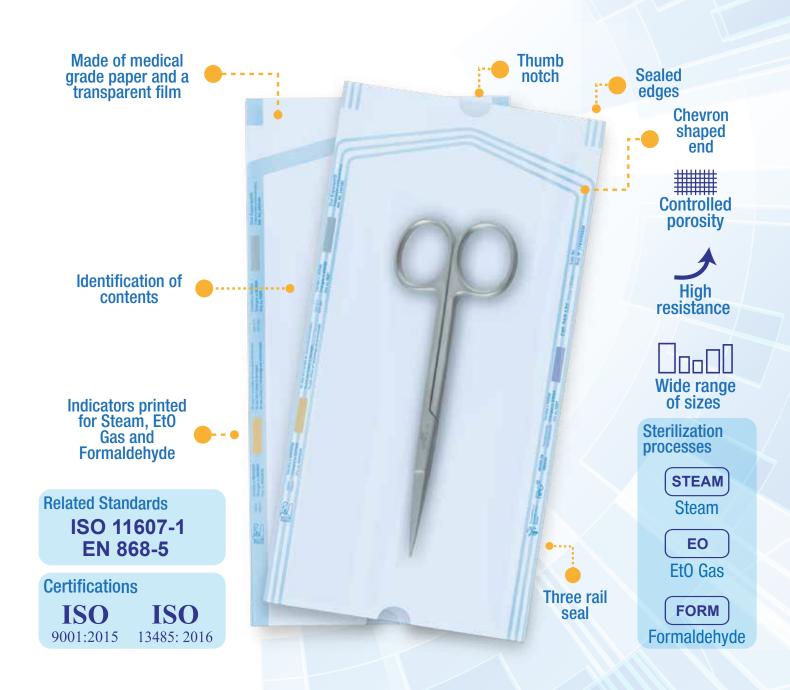
Catalog	Widht (cm)	Length (cm)	Gusset (cm)	Unit per Box
PAR194	17.5	36	5	500
PAR196	20	42	5	500
PAR198	30	55	5	250



PMG® See through pouches



Features



PMG® See through tubes





EEE packaging comply with the following standards:

- •ISO11607 Standard that is currently accepted internationally for sterilization packages
- European Comision Regulations Standards EN868-5

Sterilization tubes are made of medical grade paper in one side and a transparent film compound in the other, for visual inspection purpose.

Features:

- 1.Identification of contents.
- 2.Controlled porosity.
- 3. High resistance.
- 4.These tubes are designed for Steam, Ethylene-Oxide Gas and Formaldehyde sterilization processes, they include external chemical sterilization indicators. They are also useful for gamma radiation sterilization processes.
- 5. Wide range of sizes.

PMG® See through tubes

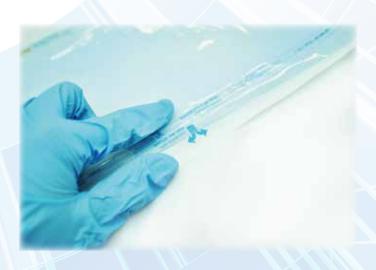
Catalog	Widht (cm)	Length (m)	Unit per Box
PAR354	5.1	200	1
PAR361	7.5	200	1
PAR361E	7.5	100	1
PAR362	10	200	1
PAR364	*15	200	1
PAR365	*20	200	1
PAR365E	*20	100	1
PAR366	*25	200	1
PAR367	*30	200	1
PAR367E	*30	100	1
PAR368	*40	200	1
PAR369	*50	200	1

^{*} Lateral opening with +2 cm

PMG® See through tubes with gusset

Catalog	Widht (cm)	Length (m)	Gusset (cm)	Units per box
PAR371	7.5	100	2	1
PAR373	10	100 /	4	1/
PAR374	*15	100	3	1
PAR375	*20	100	4	1
PAR376	*25	100	5	1
PAR377	*30	100	5	1
PAR378	*30	100	10	1
PAR379	*38	100	10	1
PAR380	*50	100	8	1

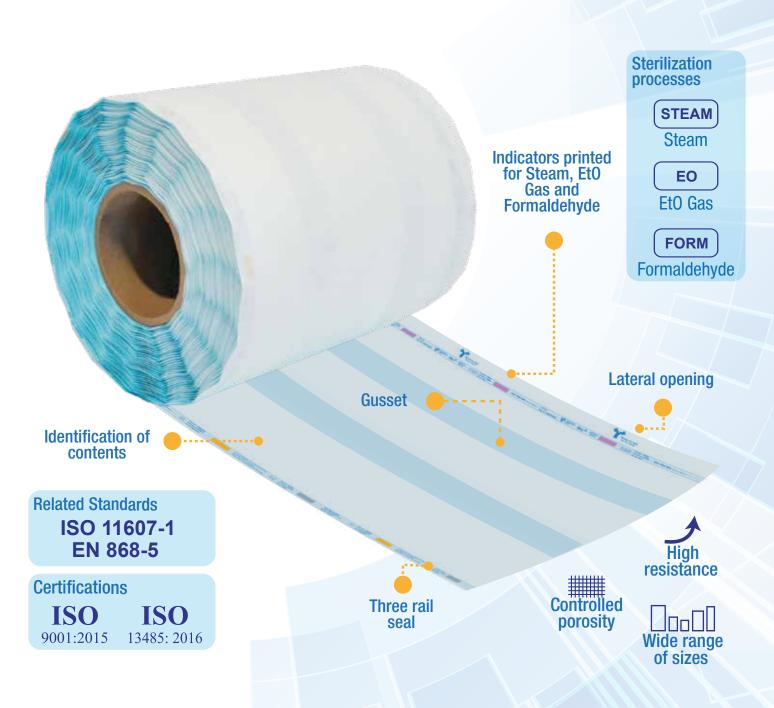
* Lateral opening with +2 cm



PMG® See through tubes



Features



PMG® Self-sealing see through pouches



EEE packaging comply with the following standards:

- •ISO11607 Standard that is currently accepted internationally for sterilization packages
- European Comision Regulations Standards EN868-5

Self-sealing medical grade see-through pouches with adhesive closure, our new system improves sealing when compared to conventional self-sealing sterilization pouches (with and adhesive strip). By simply sliding the adhesive strip (having to exert pressure to adhere) it achieves a fast and secure seal.

Features:

- 1. Identification of content
- 2. Controlled porosity
- 3. High resistance
- 4. These pouches are designed for Steam, Ethylene-Oxide Gas and Formaldhyde sterilization processes; they include an external chemical sterilization indicator
- 6. Wide range of sizes





PMG® Self-sealing through pouches with autoseal

Catalog	Widht (cm)	Length (cm)	Unit per Box
PAR753D	9	23	200
PAR803D	7.5	28	200
PAR804D	10	13.5	200
PAR805D	10	23	200
PAR806D	9	26	200
PAR809D	13.5	25.5	200
PAR810D	13.5	35.6	200
PAR812D	20	33	200
PAR838D	30	38	200

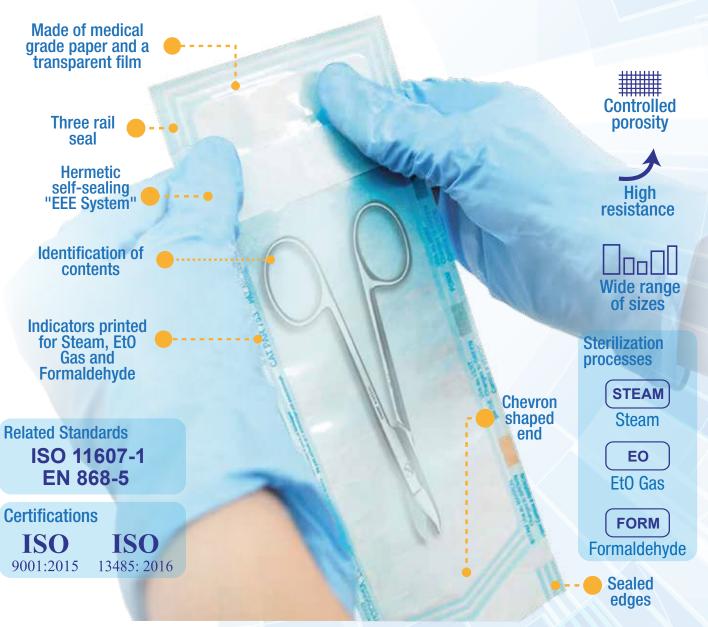
PMG® Self-sealing see thorough pouches with gusset
Catalog Widht (cm) Length (cm) Gusset (cm) Unit per Box

outulog	Widit (OIII)	Longth (cm)	dusset (citi)	Offic per box
PAR194D	17.5	36	5	500
PAR196D	20	42	5	500
PAR198D	30	55	5	250

PMG® Self-sealing see through pouches







EEE[®] See through pouches & tubes of Tyvek[®]





EEE® See through pouches of Tyvek®

Catalog	Widht (cm)	Length (cm)	Unit per Box
PAR502	7.5	20	1000
PAR506	10	26	500
PAR510	15	30	1000
PAR512	21	35	1000
PAR538	32	45	500
PAR540	15	42	500
PAR541	25	48	400
PAR542	40	50	250

Trademark by Dupont™ Tyvek®

EEE packaging comply with the following standards:

- •ISO11607 Standard that is currently accepted internationally for sterilization packages
- European Comision Regulations Standards EN868-5
- Made of high density polyethylene (HDPE).
- Outstanding resistance to microbial penetration.
- The tough, continuous fibers of **Tyvek**® help protect package integrity from both product breakthrough inside and rough handling outside.
- These pouches and reels are designed for Hydrogen Peroxide sterilization processes.
- Tyvek® has superior tear strength and puncture resistance.

EEE® See through reels in Tyvek®

Catalog	Widht (cm)	Length (m)	Unit per Box
PAR401	7.5	100	1
PAR402	10	100	1_
PAR404	15	100	1/
PAR405	20	100	1
PAR406	25	100	1
PAR407	30	100	1
PAR408	35	100	1
PAR409	40	100	1
PAR411	50	100	1

Trademark by Dupont™ Tyvek®

EEE® See through reels in Tyvek®

	Catalog	Widht (cm)	Length (m)	Unit per Box
	PAR461	7.5	70	1
	PAR462	10	70	1
	PAR464	15	70	1
	PAR465	20	70	1
	PAR466	25	70	1
	PAR467	30	70	1
1	PAR468	40	70	1
	PAR657	35	70	1
	PAR658	60	70	1
	PAR659	50	70	1

Trademark by Dupont™ Tyvek®

EEE[®] See through pouches Tyvek[®]



Features



EEE® Sealing Machine



EEE-1500mi

Continuous package sealing machine controlled by a microprocessor and automatic printing module: preparation and expiry dates, operator code and name, batch number, serial number, and text. The printing ribbon can be easily replaced. Designed specifically for sealing, by heat and pressure, medical grade sterilization packages (paper pouches, paper or Tyvek® see-through rolls and pouches with and without gusset) in the CSSD service.



EEE-1500A

This machine is specifically designed for sterilization purpose sealing by heat and pressure of several medical packages (paper pouches, paper or Tyvek® see-through rolls and pouches with and without gusset), in the CSSD service.





Seal Verification Test COLOR TEST®



Routine seal test system for sealing machine

An optimum sealing seam can only be guaranteed if the sealing parameters are set correctly and are adapted to the material to be sealed. In addition, if deviations occur in the parameters (sealing temperature, sealing time, and contact pressure), this is made visible on the indicator strip.

Instructions for use:

- **A.** Place the validation test inside the bag, taking care that the printed side is directly in contact with the laminate and at the height of the seal.
- **B.** Perform normal sealing of the bag with the validation card. The recommended sealing temperature for the test is:
 - •**TESI001** $180^{\circ}\text{C} \pm 5$ for Paper Bags
 - •**TESI002** 130°C ± 5 for Tyvek® Bags
- **c.** The interpretation of results should be done by placing the bag with the card on a dark surface to better visualize the seal path.

Note: The **COLOR TEST** indicator strip shows whether or not adequate quality properties are met, excluding a subjective interpretation of the sealing seam; therefore, daily seal control is essential.

Results interpretation:

In accordance with **ISO 11607-2: 2019**, sealing seams must show the following quality properties:

- Intact sealing for a specified seal width.
- No channels or open seals.
- No punctures or tears.
- No material delamination or separation.



The following failures may appear during a sealing. In this case, the quality properties for a sealing seam are not adequate:

1. Channels or open seals (sealed not approved).



2. Punctures or tears (sealed not approved).



3. Material delamination or separation: temperature or contact pressure too low (it is suggested to schedule an adjustment service to the equipment).



4. Seal wrinkles: temperature or contact pressure too high (it is suggested to schedule an adjustment service to the equipment).



Catalog	Presentations
TESI001	Pack with 100 pieces
TESI002	Pack with 100 pieces

COLOR TEST® is Trademark of EEE.

PMG® Medical grade





Catalog

PPC030030





30

Package

250

Sheets

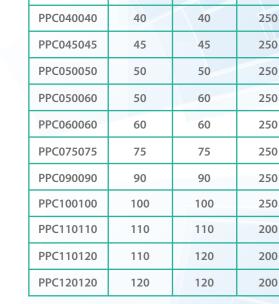
30

Widht (cm) Length (cm)

Wrapping material that offers the best bacterial barrier, the highest cost benefit and the most environmentally friendly option.

- 100% Wood pulp cellulose
- Controlled porosity
- Can be used in processes for: Steam, Ethylene-Oxide gas, Formaldehyde and Gamma radiation. With printed indicators for Ethylene-Oxide gas and Steam.
- Compliant with EN ISO 11607-1:2017 and EN 868-2:2017.
- It is offered in sheet packs, reels by Kg. and reels with pre-cut technology to make easier its handling.







Reels

Catalog	Widht (cm)	Weight (kg)	Package
BPC030	30	/	Reel
BPC045	45		Reel
BPC050	50		Reel
BPC060	60		Reel
BPC075	75		Reel
BPC090	90		Reel
BPC100	100		Reel
BPC110	110		Reel
BPC120	120		Reel

_____Refers to required quantity of kg. Available options: 5, 10, 15, 20 and 30 Kg.

PMG® Medical grade grade generation









The range of third generation blue creped paper is made up of cellulose fibres and synthetic fibres reinforced with synthetic binders, which allows it to be a wrapper sufficiently resistant and malleable to be able to wrap the heavy material or with difficult edges.

- 50% cellulose, 30% synthetic fibers and 20% synthetic binders
- Controlled porosity
- Can be used in processes for: Steam, Ethylene-Oxide gas, Formaldehyde and Gamma radiation. With printed indicators for Ethylene-Oxide gas and Steam.
- Compliant with EN ISO 11607-1:2017 and EN 868-2:2017.
- It is offered in sheet packs, reels by Kg. and reels with pre-cut technology to make easier its handling.



Catalog	Widht (cm)	Length (cm)	Package
PPC030030T	30	30	250
PPC050050T	50	50	250
PPC055055T	55	55	250
PPC060060T	60	60	250
PPC075075T	75	75	250
PPC090090T	90	90	250
PPC090110T	90	110	250
PPC100100T	100	100	250
PPC110110T	110	110	200
PPC110120T	110	120	200
PPC120120T	120	120	200

Sheets

Reels

Catalog	Widht (cm)	Weight (kg)	Package
BPC030T	30		Reel
BPC045T	45		Reel
BPC050T	50	4	Reel
BPC055T	55		Reel
BPC060T	60		Reel
BPC075T	75		Reel
BPC090T	90		Reel
BPC100T	100		Reel
BPC110T	110		Reel
BPC120T	120		Reel

___ Refers to required quantity of kg. Available options: 5, 10, 15, 20 and 30 Kg.



Sterilization Indicators



Bowie & Dick Test

COLOR TEST®

Devices designed to confirm the presence or absence of air bubbles within the sterilizer chamber.

Features of Bowie & Dick Test COLOR TEST® and Mini Bowie & Dick Test COLOR TEST®

- · Printed with non-toxic inks and plastified
- Steam sensitive chemical indicator to 134°C in a time of 3.5 to 4 minutes
- Print area for transcribing data such as date, sterilizer, location, department, cycle number, result, operator and supervisor.

Test Frecuency

The test is recommended in the first sterilization cycle of the day.

Catalog	For use in	Description	Units per Box
PBD001	Steam	Bowie and Dick Test 180 x 270 mm	50
PDB003	Steam	Mini Bowie and Dick Test	1



PBD003 - Pack ready to use



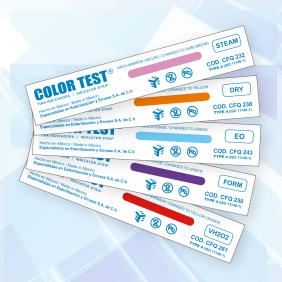
Chemical indicators Type 4 COLOR TEST®

Chemical indicators are used to check one or more of the critical parameters involved in a sterilization cycle, confirming that certain conditions have been met.

Features:

- · Printed with non-toxic inks and plastified
- It does not change over time
- Easy to read and interpretate
- · Specific to each method of sterilization
- Usage: In each cycle and /or package

Catalog	For use in	Description	Units per Box
CFQ228B	Steam	Test Strip 20 x 190 mm	250
CFQ232	Steam	Test Strip 20 x 110 mm	250
CFQ238	Dry Heat	Test Strip 20 x 110 mm	250
CFQ243	EtO gas	Test Strip 20 x 110 mm	250
CFQ250	Formaldehyde	Test Strip 20 x 110 mm	250
CFQ261	H ₂ O ₂	Test Strip 20 x 110 mm	250





Chemical Integrator Type 5 COLOR TEST®

Instant read-out chemical indicator designed to monitor the efficacy of steam sterilization.

Can be used in any gravity displacement or pre-vacuum steam sterilizer that operates between 121°C and 135°C (250°F and 275°F).

Catalog Description Units per Box

Instant read-out chemical indicator. Sterilization Integrator Type 5



250

Indicator tape

Esteritech®

CFQ272

The chemical indicator tape testifies the exposure of pouches and packages on Steam and Ethylene-Oxide gas sterilization process. The Steam indicator tape is lead free.

Catalog	For use in	Description	Units per Box
CTG001	EtO gas	Indicator tape 1.8 cm x 50 m	48
CTV001	Steam	Indicator tape 1.8 cm x 50 m	48



Biological indicator

Esporitech®

Biological indicators are used to validate the sterilization process in Steam and Ethylene-Oxide gas.

Catalog	For use in	Spores		Units per Box
IBM001	EtO Gas	Bacillus atrophaeus	10 ⁶	100
IBM102	Steam	Geobacillus stearothermophilus	10 ⁵	100
IBM104	Steam	Geobacillus stearothermophilus	10 ⁶	100



TACK MAT® Bacteriostatic Mats



A MEMBER OF THE \iint STERMED GROUP

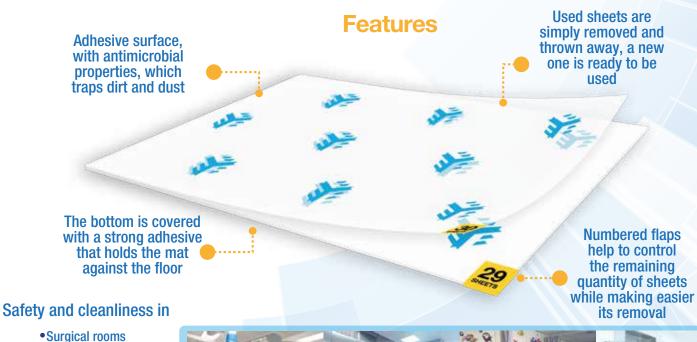
Mats surface has an adhesive layer which contains an antimicrobial substance. Tack Mat catch dirt and dust from shoes or equipment wheels, reducing contamination before entering to clean roams or medical areas such as: surgical rooms, special manufacturing spaces, food producing areas, Central Sterile Services Department, emergency roams, isolation rooms, etc.

Tack Mats are easy to use. By removing the dirty sheet, you will find immediately a new one. Each layer has a flap printed with the number of the sheet, which facilitate taking it off and help us to know how many sheets we still have available.

Catalog	Size (in)	Color	Sheets	Units per Box
TACK120	18" x 46"	Blue	20	
TACK130		blue	30	
TACK220		\\/\ \	20	8
TACK230		White	30	8
TACK320		_	20	
TACK330		Gray	30	
TACK1305	35" x 46"	Blue	30	8

OCSSD
 Transplant unit
 ICU
 Isolation rooms
 Transfer rooms
 Main entrances
 Special manufacturing spaces and food producing areas





Ropa de Protección Factory



Ropa de Protección located in Chapala, Jalisco, which began operations in 1997.

Certifications:

- ISO 9001:2015
- GMP

RDP manufactures personal protection garments and surgical kits from the following materials:

- Nonwoven SMS products that are created using the best of Spunbond and Meltblown technologies. These strong fabrics have attributes that make them prevalent in healthcare and hygiene applications where only the highest standards will do.
- Spunlace® fabrics provide medical apparel that is highly comfortable to wear and fulfills international product norms, minimizing the risk of infections.

Our purpose is to offer the user products with repellent properties, which provide the protection and maximum comfort that health professionals seek.





DHIGIENEEE®Disposable clothing



Sterile and Non Sterile Packs / Kits

- Basic Kit
- Bed Kit
- Operating Table Kit
- General Surgery Kit
- Minor Surgery Kit
- Outpatient Kit
- Anesthesia Kit
- Arthroscopy Kit
- Head and Neck Kit
- Cesarean Kit
- Cystoscopy Kit
- Gynecology Kit
- Lithotripsy Kit
- Laparoscopy Kit
- Gynecological Laparoscopy Kit
- Vaginal Laparoscopy Kit
- Laparotomy Kit
- Ophthalmological Kit
- Orthopedics General Kit
- Parturition Kit
- General / Universal Kit
- Surgeon Kit /Equipment (Medium, Large, Extra Large)
- Shroud Package (Neonate/Extra Small, Small, Medium, Large)



Products

- Sanitary Lab Coat / Gown
- Surgeon Lab Coat / Gown
- Surgeon Waterproof Lab Coat /Gown
- Patient Gown
- Boot Surgeon
- Disposable Cover
- Lab Coat
- Pillow Cover
- Surgeon Hat/ Cap
- Nurse Hat / Cap
- Patient Hat/ Cap
- Pants
- Clinical Bed Sheet
- Surgery Bed Sheet









DHIGIENEEE®

Surgical Face Mask





Medical Face Mask is intended to be used to protect the patient from infective agents and, additionally, in certain circumstances to protect the wearer against splashes of potentially contaminated liquids and particles. It may be also be intended to be worn by patients and other persons to reduce the risk of spread of infections particularly in epidemic or pandemic situations.

3 layers mask: **SPUNBOND** (protection), **MELTBLOWN** (bacterial filter), **SPUNBOND** (protection).

Features:

- Fluid Resistant.
- Non-toxic.
- Latex free.
- Fiberglass free.
- Antistatic.
- Hypoallergenic.
- With headband or elastic headband or behind-the-ear fit.
- Excellent breathability.
- Comfortable.
- Disposable.





Catalog	Presentation	
A31D91	Box with 50 pieces	



EEE México C e n t r a l

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