

GelSpon®

Sterile Absorbable Haemostatic Gelatin Sponges

Introduction

Gelatin is a substantially pure protein, obtained by thermal denaturation of collagen, which are the structural mainstay and most common protein in the animal kingdom.

Gelatin sponges have been used in clinical practice as hemostats for more than 50 years and has been proven to be effective and safe as other types of haemostats.

Product Description

GelSpon® is an absorbable surgical haemostatic sponge, manufactured from highly purified neutral gelatin material exclusively from bovine origin for use in various surgical procedures, where traditional haemostasis is difficult or impractical and use of other non-absorbable materials is undesirable. Available in different convenient dimensions in gamma sterilized form with suitable double sterile blister packaging or pouches for special sizes.

GelSpon® absorbs approximately 40-50 times, its weight of water and adheres easily to the bleeding site. The uniform porosity guarantees a favourable haemostasis. When implanted *in vivo*, it is completely absorbed within 3-4 weeks.

Indications

- » Plastic Surgery
- » General Surgery
- » ENT and Dental Surgery
- » Orthopedics and Trauma
- » Abdominal Surgery
- » Neurosurgery
- » Dermatology
- » Gynaecology
- » Anorectal surgery



Application Methodology

GelSpon® is white, pliable, light and insoluble in water. It is removed from the package under strict aseptic conditions and can be cut to required size, applied dry or saturated with physiological salt solution or thrombin or an antibiotic solution of the desired concentration. Squeeze the material between two fingers to remove the air bubbles so that the sponge, while immersed in the solution will regain its original size and shape almost immediately. At the time of use, the superfluous solution may be allowed to drip upon a gauze compress. The saturated sponge is then applied to the hemorrhage area and is then held in place with moderate pressure for 10-15 seconds.

Usually the first application of **GelSpon®** will control bleeding, but if not, additional applications should be made using fresh pieces of sponge. When bleeding is controlled, the pieces of should be left in place; otherwise bleeding may start again. Since it causes little more cellular infiltration than the blood clot, the wound may be closed over it.

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Precautions & Warnings

- » **GelSpon®** is a sterile product and should not be resterilised.
- » Sterility not guaranteed if the package is damaged or tampered.
- » Discard the unused portions of sponge.
- » Use of **GelSpon®** is not recommended for infected sites.
- » By absorbing the fluid, the sponge may expand and thus impinge on neighboring structures. Hence, minimal pre-compression is advised when packaging into cavities.
- » In neuro surgery, it should not be left in closed cavities, since it may cause compression of the nervous tissues when it expands.
- » While using **GelSpon®** other normal haemostatic procedures including suture, pressure and ligature should be neglected.
- » Avoid in patients hypersensitive to bovine materials.



Storage

GelSpon® must be stored in a dry place with a shelf life of 5 years from the date of manufacture and the expiry date is printed on the packaging.

Ordering Information

CODE	DESCRIPTION	UNITS
GSES 1002-02	GelSpon® , Standard 80x50x10mm	Box of 02
GSES 1017-10	GelSpon® , Special 80x50x1mm	Box of 10
GSES 1003-10	GelSpon® , Streifen 80x40x10mm	Box of 10
GSES 1004-10	GelSpon® , Strip 80x20x10mm	Box of 10
GSES 1021-10	GelSpon® , Film 200x70x0.5mm	Box of 10
GSES 1007-10	GelSpon® , Dialys 30x30x10mm	Box of 10
GSES 1013-10	GelSpon® , Dental 10x10x10mm 10's	Box of 10
GSES 1015-10	GelSpon® , Dental 15x15x15mm	Box of 10
GSES 1014-10	GelSpon® , Dental 14x14x7mm	Box of 10
GSES 1008-05	GelSpon® , Anal 80 x Dia 30mm	Box of 05
GSES 1009-05	GelSpon® , Tampon 60 x Dia 20mm	Box of 05



Manufactured by:

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We create and surpass our own standards

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Trade Mark not applicable in EU.