



VIVOSORB[®]

Synthetic bioresorbable surgical sheet.
Provides optimal support and minimizes soft tissue attachments.



- Peripheral Nerve Repair
- General Surgery

POLYGANICS

Bioresorbable Medical Device Solutions

VIVOSORB®

Full tissue support. Clearly different.

Soft tissue attachments or adhesions are a form of uncontrolled healing that can develop in response to trauma from surgery or inflammation. The clinical significance of postoperative adhesions is associated with many serious complications including loss of motion, obstruction and pain. The surgeons' aim is to minimize postoperative soft tissue attachments since this may complicate future surgery, or extend operating time and increase pain in the immediate postoperative period as well as in the future¹

¹ Rajab, et al. World J Surg (2009) 33:748-750

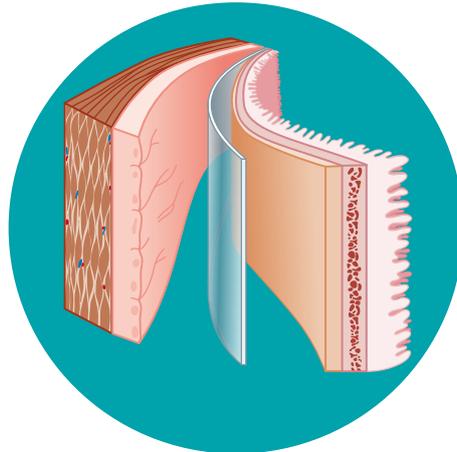
VIVOSORB®

VIVOSORB® is a flexible bioresorbable polymer film which is designed to separate opposing tissues throughout the critical healing process. It is very flexible facilitating the surgeon to optimally position the sheet during surgery.

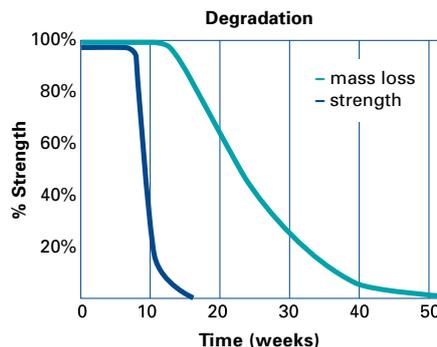
VIVOSORB® is made of 100% synthetic bioresorbable material (micro-biologically safe) and can be used in a variety of soft tissue surgery applications. VIVOSORB® provides an effective barrier function enabling the tissue to regenerate without interconnective attachment.

VIVOSORB® Surgical Indications

- VIVOSORB® is indicated for the use of temporary wound support, reinforce soft tissues where weakness exists, or for the repair of hernia or other fascial defects that require the addition of a reinforcing or bridging material to obtain the desired surgical result.
- It separates opposing tissues and prevents the ingrowth of scar tissues and minimizes the formation or reformation of adhesions immediately adjacent to the barrier film.



- VIVOSORB® aids in the reoperation procedures by promoting and maintaining the formation of a surgical dissection plane immediately adjacent to the barrier film.
- To be used wherever temporary wound protection and support of soft tissue during healing is required.



VIVOSORB® retains its mechanical properties up to 10 weeks providing support and protection to the healing tissue. As an inert material, the body accepts VIVOSORB® and processes it through the normal channels of bulk hydrolysis leading to gradual reduction of molecular weight. The final degradation products are resorbed, metabolized and excreted by the body.

This period of resorption may take approximately 24 months.

Please contact your local VIVOSORB® representative for more information

VIVOSORB® Key Features

- Minimizes soft tissue adhesions
- Supports soft tissue repair
- Separates opposing tissues
- Fully synthetic
- Transparency and high flexibility allow for easy and optimal manipulation during surgery
- Retention of mechanical strength for up to 10 weeks throughout the critical healing period
- Bioresorbable character allows for safe encapsulation, metabolic breakdown and natural excretion
- Different sheet sizes available

VIVOSORB® Applications

- Wrap around end-to-end nerve repair to prevent neuroma formation in combination with NEUROLAC®
- Wrap around nerve graft to prevent neuroma formation
- Wrap compressed or injured nerves and tendons
- Minimize peritendinous adhesions
- Promote flexor tendon gliding
- Carpal Tunnel primary and revision procedures
- Tarsal Tunnel procedures
- Achilles reconstruction

Article number	Size	Thickness
FS01-006/20	2 x 3 cm	0.2 mm
FS01-035/20	5 x 7 cm	0.2 mm
FS01-130/20	13 x 10 cm	0.2 mm
FS01-260/20	13 x 20 cm	0.2 mm

Other sizes on request



All VIVOSORB® products are available in boxes of 1 unit. Please store VIVOSORB® at or below 4°C. Shelf life of VIVOSORB® is 20 months.

VIVOSORB® is a Class III device under CE 0344 and filed as Class II device at the FDA under number K042811.

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The information presented in this brochure is intended to inform and demonstrate the product. Always refer to the package insert, product label and/or user instructions before using this product. VIVOSORB® is a registered trademark of and manufactured by Polyganics B.V., The Netherlands.

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