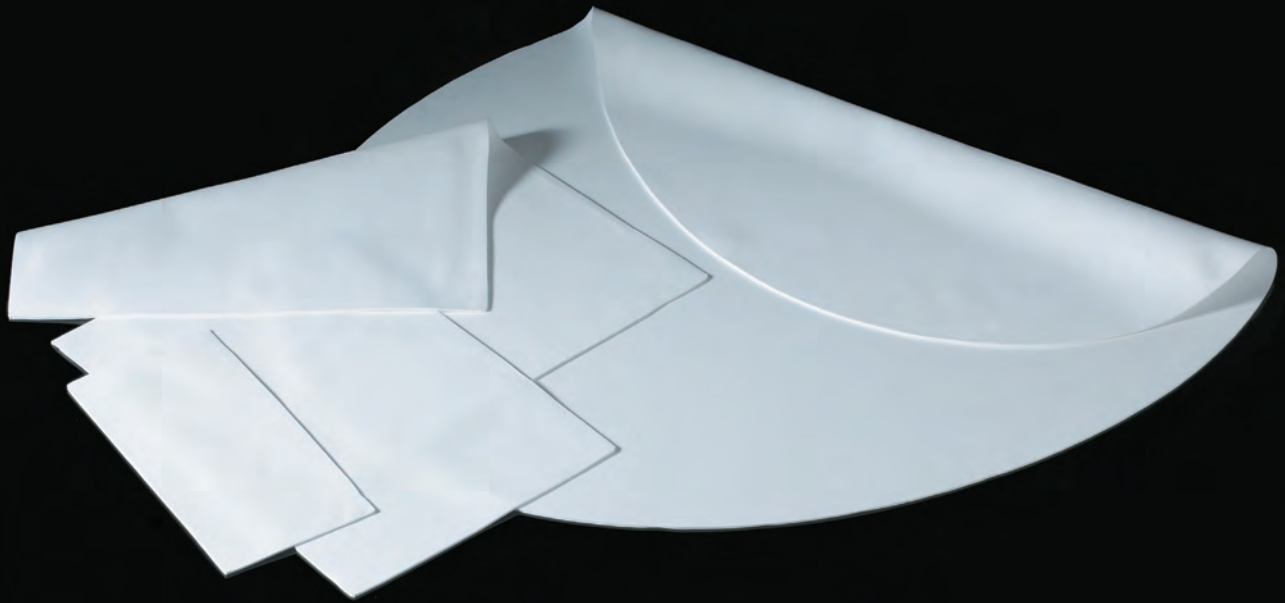


# *Reconstructing soft tissue deficiencies*



**PERFORMANCE** through experience

## **GORE-TEX® Soft Tissue Patch**

- ▶ Strong, effective repair
- ▶ Soft and conformable
- ▶ Trimmable
- ▶ Long-term performance in soft tissue repair
- ▶ Versatile applications



## Applications:

- Chest Wall Reconstruction
- Diaphragmatic Hernia
- Ventral Hernia
- Gastroschisis
- Omphalocele

## Strength

The 1mm GORE-TEX® Soft Tissue Patch has a material strength of 11kg/cm, which is more than twice as strong as the most commonly used meshes (2.3-4.1 kg/cm). Regardless of the size or shape of the trimmed GORE-TEX® Soft Tissue Patch, uniform strength is maintained. Suture retention for the 1mm GORE-TEX® Soft Tissue Patch (0.9 kg/pin) is equivalent to or several times stronger than the meshes (0.32-1 kg/pin).

In reconstructions where greater strength may be required (i.e. segmental repairs), use of the 2mm GORE-TEX® Soft Tissue Patch (22 kg/cm) with increased suture retention should be considered.

## Handling

Surgeons have commented that use of the GORE-TEX® Soft Tissue Patch results in easier reconstruction of wall defects.<sup>1,2,3</sup> The GORE-TEX® Soft Tissue Patch may be cut to size, and maintained, regardless of size or shape.

If a larger GORE-TEX® Soft Tissue Patch is required, two may be sutured together. GORE-TEX® Soft Tissue Patch may be trimmed and tailored without fraying. To ensure uniform suture retention, we recommend using the same technique chosen for prosthesis/tissue anastomosis, oriented transversely on the abdomen.<sup>4</sup>

## Conformability

GORE-TEX® Soft Tissue Patch is a soft and conformable microporous sheet material.<sup>5</sup>

It is made from solid nodes, connected by thin fibrils of expanded polytetrafluoroethylene (ePTFE).

## GORE-TEX® Soft Tissue Patch Configurations

Catalogue Number	Nominal Thickness	Nominal Width	Nominal Length
1405010010	1 mm	5 cm	10 cm
1405015010	1 mm	5 cm	15 cm
1410015010	1 mm	10 cm	15 cm
1415020010	1 mm	15 cm	20 cm
1420030010	1 mm	20 cm	30 cm
142603401A	1 mm	26 cm	34* cm
1305010020	2 mm	5 cm	10 cm
130501002B	2 mm	5 cm	10 cm
1305015020	2 mm	5 cm	15 cm
1310015020	2 mm	10 cm	15 cm
1315020020	2 mm	15 cm	20 cm
1320030020	2 mm	20 cm	30 cm
132603402A	2 mm	26 cm	34* cm

\*Oval shaped

1. Bauer JJ, Salky BA, Gelernt IM, Kreel I. Repair of large abdominal wall defects with expanded polytetrafluoroethylene (PTFE). *Annals of Surgery* 206:765-769, 1987.
2. Hamer-Hodges DW, Scott NB. Replacement of an abdominal wall defect using expanded PTFE sheet (GORE-TEX). *Journal of the Royal College of Surgeons of Edinburgh* 30:65-67, 1980.
3. Lampl LH, Loeprecht H. Chest wall resection-alloplastic replacement. *Thoracic and Cardiovascular Surgeon* 36:157-158, 1988.
4. Ponka JL. *Hernias of the abdominal wall*. 1st edition, Philadelphia, Saunders, 339, 352, 392, 1980.
5. Grosfeld JL, et al. Chest wall resection and reconstruction for malignant conditions in childhood. *Journal of Pediatric Surgery* 76:803-805, 1989.



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Refer to *Instructions for Use* for a complete description of all warnings, precautions, and contraindications. R<sub>049</sub>

Products listed may not be available in all markets.

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