

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 when compared to MERSILENE or MARLEX® (2.3 and 4.1 kg/cm respectively). 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 MERSILENE or MARLEX® (0.32 and 1 kg/pin respectively).

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

Handling

Surgeons have commented that use of the GORE-TEX® Soft Tissue Patch results in easier reconstruction of wall defects.^{1,2,3} 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.⁴

Conformability

GORE-TEX® Soft Tissue Patch is a soft and conformable material⁵ made from expanded polytetrafluoroethylene (ePTFE) which consists of solid nodes, connected by thin fibrils.

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. R₀₄₉

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