Reconstructing soft tissue deficiencies

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
- Gastrochisis
- 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. 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.

Conformability
GORE-TEX® Soft Tissue Patch is a soft and conformable microporous sheet material. It is made from solid nodes, connected by thin fibrils of expanded polytetrafluoroethylene (ePTFE).