Meeting the surgical challenge: Chest Wall Reconstructions

Choosing the right prosthetic material can make the difference in successful chest wall reconstructions. Thoracic surgeons are finding that expanded polytetrafluoroethylene (ePTFE) makes that difference.

A key advantage of the ePTFE in chest wall reconstruction is its microporous structure that inhibits the passage of fluid. This helps in re-establishing pulmonary function by restricting air leakage and preventing the transfer of pleural fluid across the chest wall. The material’s high, balanced strength:

• allows the tension needed for a firm reconstruction that minimizes paradoxical wall movement and
• provides dependable suture retention.

Yet, the material remains soft and highly conformable allowing:

• ease of handling and
• less irritation to surrounding tissues

Tissue ingrowth is encouraged by the microporous structure of this unique material. This results in a significantly lower incidence of adhesion formation. It combines strength with softness to provide unmatched performance and superior handling.

For more information call, 888.925.4673