In complex soft tissue repair, reliability is critical.

Ready to use, versatile, strong, and durable.
Permacol™ Biological Implant
Extensive Experience, Consistent Results

Ready to Use
right out of the package

• No hydration or other preparatory procedures required; thus, consistency of size is assured
• Available in various sizes—including large sizes—and thicknesses to meet your specific requirements without the need for suturing multiple pieces together
• Biocompatible, consistent, and safe acellular porcine dermis implant, with no risk of human disease transmission
  – FDA clearance as 510k sterile medical device and CE Mark governance

Versatile
supports various procedures and techniques

• Used with surgeon’s preferred technique, including tension-free and component separation procedures
• Pliability makes Permacol™ biological implant easy to cut (while maintaining dimensional stability), insert, and suture (minimal suturing needed)
• No “up” or “down” side or special orientation required

Strong
integrates with tissue to form a secure bond

• Unique processing and structure of Permacol™ biological implant strongly support tissue ingrowth and neovascularisation with minimal inflammatory response
  – Collagen strength maintained in natural 3D structure
• With crosslinking for reinforcement, highly resistant to collagenase breakdown
• Demonstrates significant burst, tear, and tensile strength—comparable to that of synthetics and shown to be greater than or equal to that of host tissue

Durable — crosslinked for long-term positive clinical outcomes

• Established safety and efficacy with years of application across multiple surgical disciplines and in multiple peer-reviewed publications
  – More than 20 years of preclinical research experience and 10 years of clinical application
• Balances rate of degradation and rate of tissue ingrowth
• Sustains strength over time—no challenges with post-operative laxity or bulging
• Does not promote bowel adhesion to the implant or encapsulate, erode, migrate, or expand

Valuable — improves efficiency and offers supplemental support

• Improves procedural efficiency because it is ready to use—no hydration needed and multiple sizes available
• Offering value-added educational and organisational support
• **Ready to use** — right out of the package
• **Versatile** — accommodating various techniques for hernia and abdominal wall repair
• **Strong** — integrating with patients’ tissue and forming a secure bond
• **Durable** — facilitating long-term positive clinical outcomes
• **Valuable** — improving efficiency and offering educational and organisational support

For more information or to order Permacol™ biological implant, please contact your local Covidien sales representative or visit [www.covidien.com/hernia](http://www.covidien.com/hernia).

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**Product Ordering Information**

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**References**

5. Hooks V III. Preliminary Experience with Porcine Dermis in Abdominal Wall Repair. Presented at: 2nd Joint Meeting of the European Council of Coloproctology/European Association of Coloproctology; September 15-17, 2005; Bologna, Italy.

For complete instructions, warnings, precautions, and contraindications, please refer to the Instructions for Use provided in each Permacol™ biological implant product package.