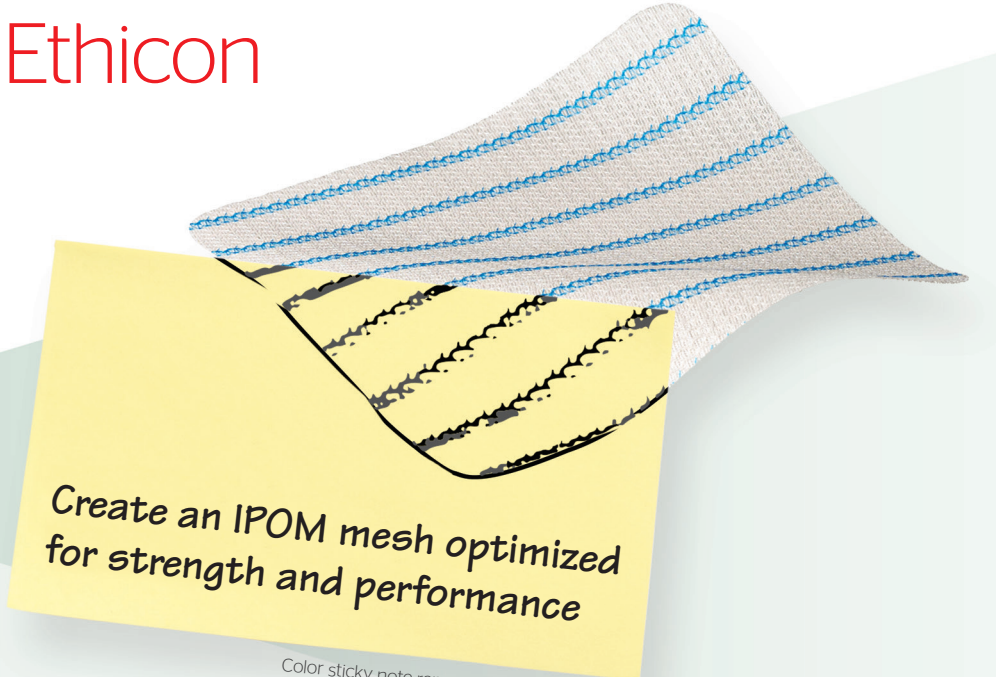


PROCEED Mesh

Part of an innovative portfolio designed for hernia repair from Ethicon

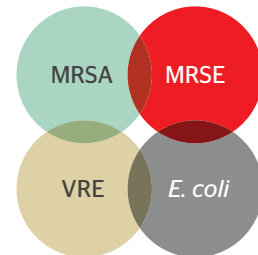


Create an IPOM mesh optimized
for strength and performance

Color sticky note represents customer insight.

- Macroporous, partially absorbable monofilament construction trusted by surgeons for over 10 years
- In an *in vitro* study, PROCEED Mesh demonstrated bacteriostatic properties against bacteria commonly found in surgical site infections (MRSA, MRSE, VRE, and *E. coli*)^{1*}
- Designed for strength and performance
 - PROCEED Mesh gives surgeons the reassurance of strong tissue incorporation^{2,3†}
- PROCEED Mesh is designed to promote potentially improved abdominal wall mobility with less inflammation, tissue attachment and potential pain when compared to polypropylene mesh^{3,5}
 - In a study from the International Hernia Mesh Registry (IHMR), patients receiving hernia repair with PROCEED Mesh reported significant improvement in pain and movement limitations from baseline at 12 months postsurgery^{4‡}
 - Results also showed low rates of complications (seroma, 6.1%; hematoma, 4.9%) and hernia recurrence (3.7%) at 12-month follow-up^{4‡}

Proven *in vitro*
bacteriostatic
activity against:



^{*}An *in vitro* study (24 hour study with inoculum challenge in the range of 10⁵-10⁸ CFUs) demonstrated bacteriostatic properties of PROCEED Mesh against MRSA, MRSE, VRE, and *E. coli*.

[†]Based on preclinical study

[‡]Data from a prospective, longitudinal study of 157 patients receiving open hernia repair using PROCEED Mesh from the IHMR

Core Mesh Material	PROLENE® Soft Polypropylene Mesh
Tissue Separating Barrier	Oxidized regenerated cellulose (ORC) fabric
Pore Size⁶	2.38 ± 0.03 mm ³
Average Filament Size⁶	3.7 ± 0.1 mils / monofilament
Weight⁶	44 g/m ²
Customizable	Yes
Fixation⁷	It is recommended that points of fixation be placed 6.5 mm to 12.5 mm (1/4" to 1/2") apart at a distance approximately 6.5 mm (1/4") from the edge of the mesh
Orientation⁷	Correct surface orientation is critical for PROCEED® Surgical Mesh to function as intended. The polypropylene mesh side (side with the blue stripes) of the product should be placed adjacent to those tissues where tissue ingrowth is desired. The other surface, the ORC side, should be placed adjacent to those tissues where minimal tissue attachment is desired (i.e. visceral surfaces)
Wetting the Mesh	You may wet PROCEED Mesh in saline, but do not soak it
Handling through Trocar	Do not stretch; use atraumatic graspers (two, if possible) to place the PROCEED Mesh through the trocar
Presence of Blood	PROCEED Mesh has an ORC component that should not be used in the presence of uncontrolled and/or active bleeding as fibrinous exudates may increase the chance of adhesion formation
Shelf Life	2 years

PROCEED Mesh - Product Specifications

Ordering Code	Mesh Size	Shape	How Supplied
PCDB1	5 cm x 10 cm	Rectangle	Sterile, 1 per box
PCDR1	7.5 cm x 15 cm	Rectangle	Sterile, 1 per box
PCDN1	10 cm x 15 cm	Oval	Sterile, 1 per box
PCDM1	15 cm x 15 cm	Square	Sterile, 1 per box
PCDD1	10 cm x 20 cm	Rectangle	Sterile, 1 per box
PCDG1	15 cm x 20 cm	Oval	Sterile, 1 per box
PCDH1	20 cm x 25 cm	Oval	Sterile, 1 per box
PCDJ1	20 cm x 30 cm	Rectangle	Sterile, 1 per box
PCDT1	26 cm x 34 cm	Oval	Sterile, 1 per box
PCDW1	25 cm x 35.5 cm	Rectangle	Sterile, 1 per box
PCDL1	30.5 cm x 30.5 cm	Square	Sterile, 1 per box

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.

References

1. Bhende S. Study Report for Antibacterial Eicacy Evaluation of PROCEED Surgical Mesh using Parallel Streak Method. Jan. 18, 2018. Ethicon, Inc. 2. Holste JL. Are Meshes with Lightweight Construction Strong Enough? *Int Surg*. 2005;90 (suppl 3):S10-S12. 3. Hutchinson RW, Chagnon M, Divilio, LT. Preclinical Abdominal Adhesion Studies With PROCEED Surgical Mesh. Ethicon, Inc. 4. Berrevoet F, Murdoch J, Jones P, et al. Open Hernia Repair Surgery Using a Tissue-separating Flat Mesh (TSM)—12 Month Patient Reported Outcomes from the International Hernia Mesh Registry (IHMR). 5. Klosterhalfen B1, Junge K, Klinge U. The Lightweight and Large Porous Mesh Concept for Hernia Repair. *Expert Rev Med Devices*. 2005 Jan;2(1):10317. 6. Technical Report: Assessment of Hernia Competitor Meshes. Vol 1. PE Study File CPC-2007-0174. 2007. Ethicon, Inc. 7. PROCEED® Surgical Mesh Instructions for Use. Ethicon, Inc.