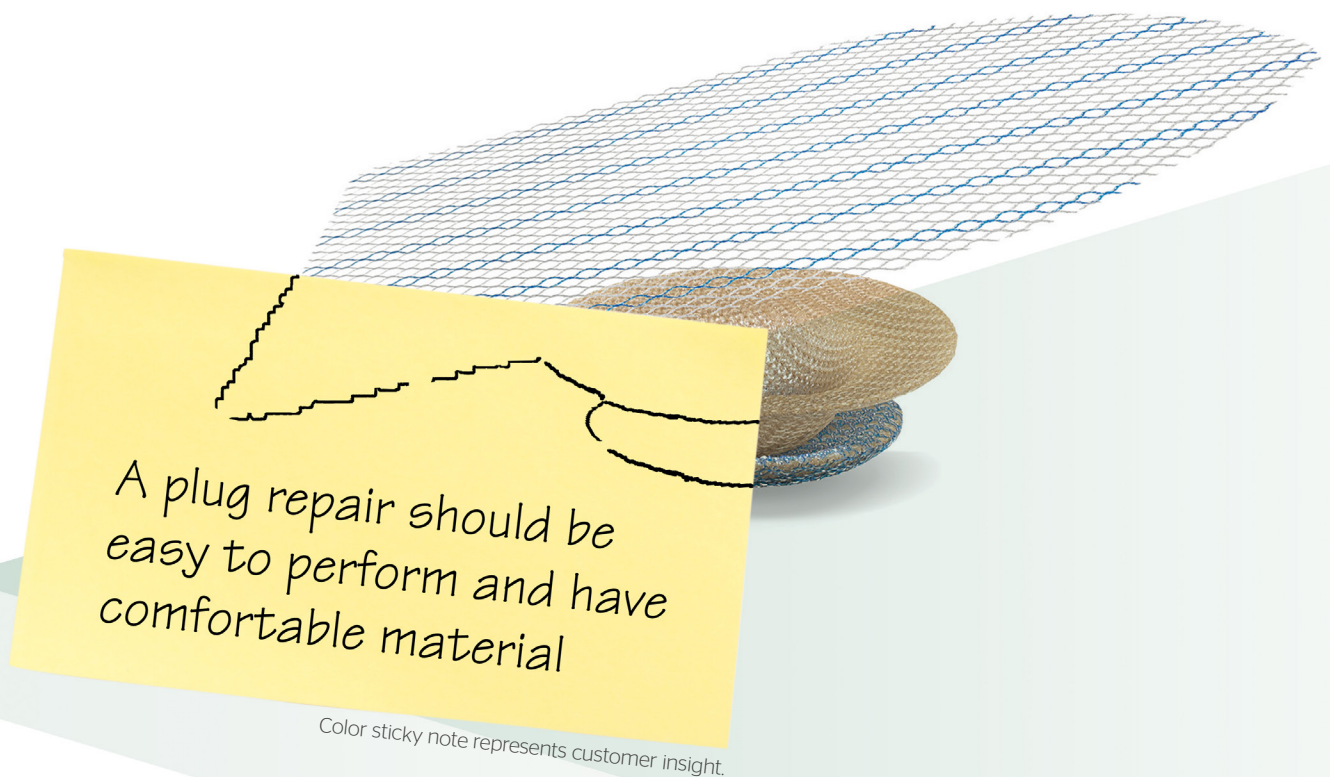


Part of an innovative portfolio designed for hernia repair from Ethicon

- ULTRAPRO® Plug is constructed of the same materials as ULTRAPRO® Partially Absorbable Lightweight Mesh, which leaves behind 65% less foreign material compared to heavyweight mesh after partial absorption¹
 - Good tissue in-growth and wound healing enables flexible, compliant scarring^{2,3,4*}
 - A partially absorbable plug-and-patch device designed to provide security, flexibility, and comfort to patients^{2,3,5,6,7}
 - Low rate of hernia recurrence (<2% at 1 year)^{8†}



Core Mesh Material	ULTRAPRO® Partially Absorbable Lightweight Mesh
Pore Size⁹	3.2 mm
Average Filament Size	5 mils / monofilament
Weight¹⁰	31 g/m ²
Customizable¹¹	The rim and onlay patch can be trimmed; however, the anchor should not be cut or trimmed
Fixation Requirement¹¹	<p>The method of securing the implant (e.g., nonabsorbable/absorbable sutures) to provide for adequate tissue fixation and to minimize the risk of recurrence should be determined at the surgeon's discretion, based on the individual patient's needs and the nature of the repair.</p> <p>Spacing and distribution between fixation points and technique should be determined at the surgeon's discretion to provide adequate mesh fixation, to reduce the risk of mesh migration, and to optimize mesh-to-tissue contact to foster tissue ingrowth. Preclinical data and reported experience suggest that the fixation points should be at least 1 cm from the edge of the mesh.</p>
Orientation¹¹	Adequate preparation must be considered in order to ensure that the mesh sufficiently overlaps the defect on all sides so that the fascial edges are also adequately stabilized. The onlay patch should be positioned tension- and fold free with the longer sides parallel to the inguinal ligament. For femoral hernias, an onlay patch is used only if there is adequate space for it to be placed
Shelf Life	2 years

ULTRAPRO® Plug – Product Specifications

Ordering Code	Size	Mesh Size		How Supplied
UPPS2	Small	ANCHOR	3 cm	Sterile, 2 per box
		RIM	5 cm	
UPPS6	Small	ANCHOR	3 cm	Sterile, 6 per box
		RIM	5 cm	
UPPM2	Medium	ANCHOR	4 cm	Sterile, 2 per box
		RIM	5 cm	
UPPM6	Medium	ANCHOR	4 cm	Sterile, 6 per box
		RIM	5 cm	
UPPL2	Large	ANCHOR	5 cm	Sterile, 2 per box
		RIM	5 cm	
UPPL6	Large	ANCHOR	5 cm	Sterile, 6 per box

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

References

1. Mesh Specifications. Ethicon, Inc. 2. Cobb WS, Kercher, KW, Heniford, BT. The argument for lightweight polypropylene mesh in hernia repair. *Surg Innov*. 2005;12(1):63-69. 3. Klosterhalfen B, Junge K, Klinge U. The lightweight and large porous mesh concept for hernia repair. *Expert Rev Med Devices*. 2005;2(1):103-117. 4. Final Final Report, PSE Accession No. 140094, Project No. 14795. February 26, 2015. Ethicon, Inc. 5. Agarwal BB, Agarwal KA, Mahajan KC. Prospective double-blind randomized controlled study comparing heavy- and lightweight polypropylene mesh in totally extraperitoneal repair of inguinal hernia: early results. *Surg Endosc*. 2009;23(2):242-247. 6. Post S, Weiss B, Willer M, Neufang T, Lorenz D. Randomized clinical trial of lightweight composite mesh for Lichtenstein inguinal hernia repair. *Br J Surg*. 2004;91(1):44-48. 7. Gilbert AI, Young J, Graham MF, Divilio LT, Patel B. Combined anterior and posterior inguinal hernia repair: intermediate recurrence rates with three groups of surgeons. *Hernia*. 2004;8(3):203-207. 8. Doerhoff C, Lydon P, Hammond J, Romanowski C, Jones P. 12 month outcomes following open hernia repair with a partially absorbable plug and patch device. Abstract presented at the 36th Annual International Congress of the European Hernia Society, May 28-31, 2014; Edinburgh, Scotland. 9. Cooper S. Report Pore Size Measurements. 2016. Ethicon, Inc. 10. Vailhe E. Performance evaluation technical report. CPC20070174. Assessment of Hernia Competitor Meshes, Version 1. Ethicon, Inc. 11. ULTRAPRO® Plug Instructions for Use. Ethicon, Inc.