

PerFix™ Light Plug

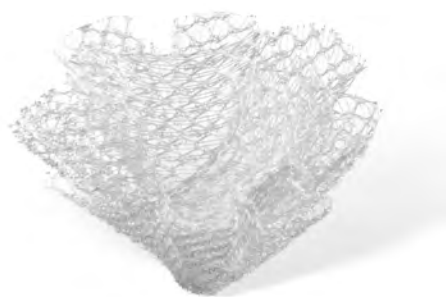
A lighter-weight version of our proven PerFix™ Plug for tension-free inguinal hernia repair.



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The PerFix™ Light Plug is ideal for use in a tension-free preperitoneal repair technique where a lighter-weight mesh and reduced amount of implanted material is indicated. It is designed with pleated edges that conform readily to defects of various sizes and shapes. The inner petals allow the plug to maintain its fluted form and can be removed or trimmed to customize the device to each individual patient. The pores in the mesh allow for tissue ingrowth.

The PerFix™ Plug is designed with pleated edges that conform readily to defects. The variety of sizes accommodates all groin hernias.



Trusted:

- Same design as clinically-proven PerFix™ Plug, which has been used in over 4 million implants worldwide.
- Proven design and materials.

Lighter Weight:

- Lighter-weight monofilament polypropylene mesh.
- Reduced amount of implanted material.
- Approximately 50% lighter than PerFix™ Plug.

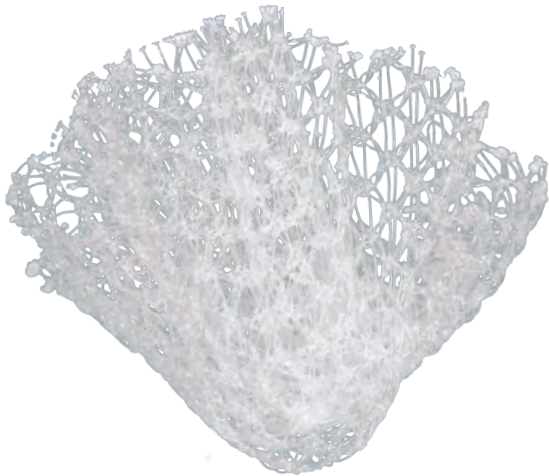
Flexible:

- Dynamic design conforms to defect.
- Inner petals and onlay patch can be trimmed, customizing to patient.
- Tension-free repair achieved with Classic or Modified Techniques.



Lighter Weight:

Live life tension-free with the new PerFix™ Light Plug.



The PerFix™ Light Plug is made of lighter-weight monofilament polypropylene mesh with a large pore, cross-weave construction to reduce the amount of implanted material.

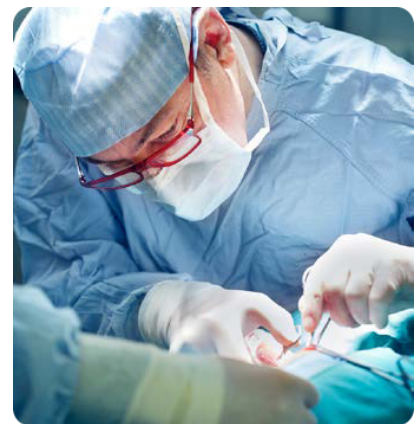
What surgeons are saying about the flexible design of the PerFix™ Plug:

“The fluted outer design allows the PerFix™ plug to readily conform by expansion or contraction to the configuration of any hernia defect.”

– Ira Rutkow, M.D.*¹

“One of the unique features of the PerFix™ hernia plug is the surgeon’s ability to modify its internal petal configuration for an individual patient.”

– Ira Rutkow, M.D.*¹



“Since polypropylene has memory when groin musculature contracts, the structure of the cone allows it to open or spread out like a flower blossoming and, when the groin musculature relaxes, the polypropylene returns to its original configuration.”

– Keith Millikan, M.D.² and Alexander Doolas, M.D.²

1 Rutkow, Ira. The PerFix plug repair for groin hernias. Surgical Clinics of North America. 2003 October; 83 (5):1079-1098.
2 Millikan, K.W., Doolas, A. A Long-Term Evaluation of the Modified Mesh-Plug Hernioplasty in Over 2,000 Patients. Hernia. 2008 Jun; 12 (3): 257-260.



Flexible:

Two technique options for a true tension-free repair

One product gives you the ability to choose between Classic and Modified Techniques. The Modified Technique is a simple, minimally-invasive repair that takes about 30 minutes to complete and uses the inner petals of the mesh to fixate the plug, allowing the outer cone to open in the preperitoneal space and provide posterior coverage. Long-term results report only 18% of patients required prescription pain medication.



Using an Allis clamp, grasp the inner cone and seat the plug deep into the preperitoneal space.



Secure the middle cone of the PerFix™ Light Plug to the conjoint tendon, Cooper's ligament and the shelving margin of the inguinal ligament.



The outer cones of the plug will spread in the preperitoneal space and cover the posterior aspect of the defect.

Trusted:

Proven design and materials.

Since its introduction in 1993, the PerFix™ Plug has been used in more than four million implants worldwide. PerFix™ Light Plug continues the legacy of trust.

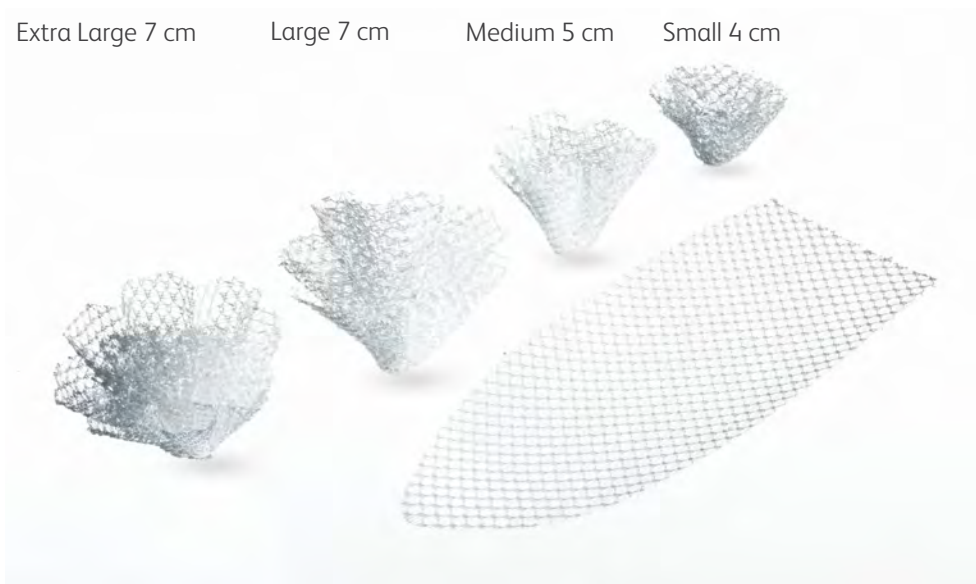
A full variety of sizes gives you flexible options. The outer cone provides additional preperitoneal coverage.

Extra Large 7 cm

Large 7 cm

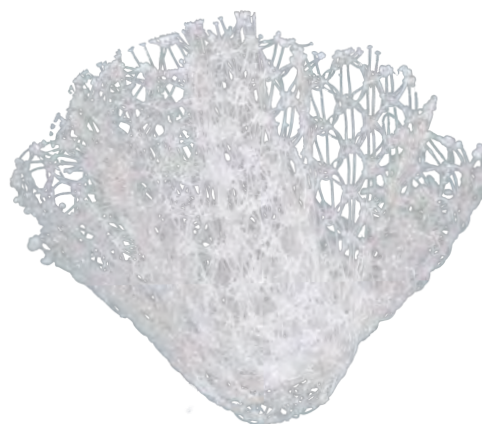
Medium 5 cm

Small 4 cm



Ordering information

PerFix™ Light Plug			
Product code	Qty.	Configuration	
0117050	1/cs	Small PerFix™ Light Plug 2.5 cm x 3.4 cm	<input type="checkbox"/>
0117060	1/cs	Medium PerFix™ Light Plug 3.3 cm x 3.9 cm	<input type="checkbox"/>
0117070	1/cs	Large PerFix™ Light Plug 4.1 cm x 4.8 cm	<input type="checkbox"/>
0117080	1/cs	Extra large PerFix™ Light Plug 3.8 cm x 5.0 cm	<input type="checkbox"/>
0117150	6/cs	Small PerFix™ Light Plug 2.5 cm x 3.4 cm	<input type="checkbox"/>
0117160	6/cs	Medium PerFix™ Light Plug 3.3 cm x 3.9 cm	<input type="checkbox"/>
0117170	6/cs	Large PerFix™ Light Plug 4.1 cm x 4.8 cm	<input type="checkbox"/>
0117180	6/cs	Extra large PerFix™ Light Plug 3.8 cm x 5.0 cm	<input type="checkbox"/>



Each PerFix™ Light Plug comes with a pre-shaped onlay patch measuring 6 cm x 13.7 cm.

Indications. The PerFix™ Light Plug is indicated for reinforcement of soft tissue, where weakness exists, in procedures involving soft tissue repair of inguinal hernia defects. **Contraindications.** 1. Do not use this mesh in infants, children or pregnant women, whereby future growth may be compromised by use of such mesh material. 2. The use of this mesh has not been studied in breastfeeding or pregnant women. 3. Literature reports that there may be a possibility for adhesion formation when polypropylene mesh is placed in direct contact with the bowel or viscera. **Warnings.** 1. The use of any synthetic mesh or patch in a contaminated or infected wound could lead to fistula formation and/or extrusion of the mesh. 2. If an infection develops, treat the infection aggressively. Consideration should be given regarding the need to remove the mesh. An unresolved infection may require removal of the mesh. 3. If the unused mesh has been in contact with instruments or supplies used on a patient or contaminated with body fluids, discard with care to prevent risk of transmission of viral infections. 4. To prevent recurrences when repairing hernias, the mesh should be sized with appropriate overlap for the size and location of the defect, taking into consideration any additional clinical factors applicable to the patient. Careful attention to mesh fixation placement and spacing will help prevent excessive tension or gap formation between the mesh and fascial tissue. 5. This mesh is supplied sterile. Inspect the packaging to be sure it is intact and undamaged prior to use. 6. This mesh has been designed for single use only. Reuse, reprocessing, resterilization or repackaging may compromise the structural integrity and/or essential material and design characteristics that are critical to the overall performance of the mesh and may lead to mesh failure which may result in injury to the patient. Reuse, reprocessing, resterilization or repackaging may also create a risk of contamination of the mesh and/or cause patient infection or cross infection including, but not limited to, the transmission of infectious diseases from one patient to another. Contamination of the mesh may lead to injury, illness or death of the patient or end user. 7. To avoid injury, careful attention is required if fixing the mesh in the presence of nerves, vessels, or the spermatic cord. Fastener penetration into underlying tissue containing nerves or blood vessels may result in the need for medical/surgical intervention, cause serious injury or permanent impairment to a body structure. 8. This device is not for the use of repair of pelvic organ prolapse via a transvaginal approach. 9. This device is not for the use of treatment of stress urinary incontinence. 10. The safety and effectiveness of PerFix™ Light Plug in laparoscopic inguinal hernia repair procedures have not been evaluated or established. **Precautions.** 1. Please read all instructions prior to use. 2. Only physicians qualified in the appropriate surgical techniques should use this mesh. 3. Care should be taken to ensure that the mesh is adequately fixated to the uncompromised tissue of the inguinal floor. If necessary, additional fasteners and/or sutures should be used. 4. Monofilament sutures are recommended to properly secure the mesh. 5. When two or more plugs are used for large direct or pantaloon hernias, they should be joined together with sutures where the plugs abut. **Adverse Reactions.** Possible complications include, but are not limited to, seroma, adhesions, hematomas, pain, infection, inflammation, extrusion, erosion, mesh migration, fistula formation, allergic reaction and recurrence of the hernia or soft tissue defect.

Please consult product package insert for more detailed safety information and instructions for use. Not all products, services, claims or features of products may be available or valid in your local area. Please check with your local BD Representative. BD, the BD Logo, Perfix Plug and Perfix Light Plug are trademarks of Becton Dickinson and Company or its affiliates.

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