






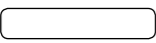
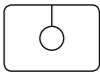

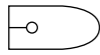


Reference Number	Product	Content
MFP101	 TiO ₂ Mesh™ 6 cm x 9 cm (2.4'' x 3.6'')	3/cs
MFP102	 TiO ₂ Mesh™ 8 cm x 11 cm (3.2'' x 4.4'')	3/cs
MFP103	 TiO ₂ Mesh™ 10 cm x 12 cm (4'' x 4.8'')	3/cs
MFP111	 TiO ₂ Mesh™ 10 cm x 15 cm (4'' x 6'')	3/cs
MFP121	 TiO ₂ Mesh™ 15 cm x 15 cm (6'' x 6'')	3/cs
MFP131	 TiO ₂ Mesh™ 20 cm x 15 cm (8'' x 6'')	3/cs
MFP141	 TiO ₂ Mesh™ 30 cm x 30 cm (12'' x 12'')	1/cs
MFP301	 TiO ₂ Mesh™ Fascial strip 8 cm x 40 cm (3.2'' x 16'')	3/cs
MFP311	 TiO ₂ Mesh™ Hiatal patch 7 cm x 10 cm (2.8'' x 4'')	3/cs
MFP321	 TiO ₂ Mesh™ Parastomal patch 15 cm x 15 cm (6'' x 6'')	3/cs
MFP331	 TiO ₂ Mesh™ Hernia patch for Lichtenstein repair 4.5 cm x 9.5 cm (1.8'' x 3.8'')	3/cs



TENSION FREE
MESH
HERNIA REPAIR

BioCER

TITANIZED solutions for hernia repair
with outstanding biocompatibility
MADE IN GERMANY

TiO₂Mesh™

SURGICAL MESH IMPLANT

INOMED HEALTH
INNOVATIVE MEDICAL DEVICES

TiO₂Mesh™ innovative hernia repair

FAST – EFFECTIVE - SAFE

The new generation of surgical mesh

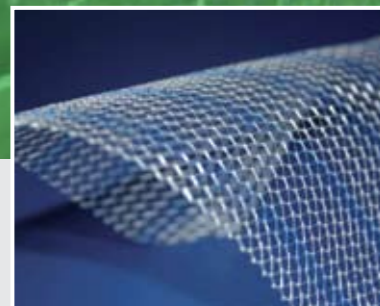
- TiO₂Mesh™ is a surgical mesh implant particularly suitable for the repair of tissue defects of the abdominal wall.
- TiO₂Mesh™ is completely covered by a 100% pure titanium oxide layer to ensure an outstanding biocompatibility.
- TiO₂Mesh™ is made from monofilament polypropylene threads and has a large-pored structure.
- TiO₂Mesh™ is perfectly coordinated with the dynamics of the human body tissue in terms of tensile strength and elasticity.
- Hydrophilic implant surface supports intraoperative handling by self adhesive mesh character; demand of mesh fixation widely reduced (TEPP)
- Blue orientation stripes for improved laparoscopic handling and positioning
- Lasercut edges with blunt fiber ends reduce micro traumata, irritation and penetration
- With the large pored structure a high visibility and transparency for the surgeon is assured. Cell ingrowth and implant incorporation are improved.

Versatile use

- Ideal handling in laparoscopic (e.g. TAPP and TEP) and open procedures.
- Tailore-made solutions for the treatment of inguinal, umbilical, femoral, parastomal and hiatal hernias.
- Ideal for all kinds of incisional hernia repair due to high tensile strength and body dynamic elasticity.
- Fascial stripes for provisional soft tissue reinforcement after laparotomy.
- Customized mesh implants according to the surgeons requirements complete the product portfolio of TiO₂Mesh™

Product benefits

- Titanium oxide coating for outstanding biocompatibility
- Large pored mesh structure made of monofilament threads for improved fibroblastic ingrowth and reduced shrinkage
- Light weight character for reduced foreign body reactions
- High tensile strength of 55 N/cm
- Self adhesive character assists laparoscopic handling
- High flexibility and reduced material stiffness for improved mesh adaption



- ▶ Decrease of foreign body reactions, mesh shrinkage and post operative pain
- ▶ Fast and effective mesh placement supports the clinical time management
- ▶ Light weight mesh with reduced material surface for all treatments
- ▶ Versatile indication specific sizes and designs adapted to the surgeons needs

- ▶ Outstanding biocompatibility due to titanium oxide surface ensures improved fibroblastic ingrowth and reduced foreign body reactions
- ▶ Light weight, large pored mesh structure (2,8 mm) with 45 g/m²
- ▶ Optimized pore structure for biodynamic stress-strain characteristic
- ▶ Self inflating for fast and effective laparoscopic handling

TiO₂ MeshTM

Surgical Mesh Implant

Titania coated

- + biofunctionalized
- + hydrophilic surface
- + accelerated cell growth

Light weight

- + reduced foreign body mass
- + sufficient strength
- + flexible and pliable

Large porous

- + improved fibroblastic ingrowth
- + full transparency

Orientation stripes

- + improved handling
- + easy placement

tension free
mesh
hernia repair

BioCER

IS IT NATURE... OR BIOCER?

The BioCer Entwicklungs-GmbH strikes a new path in medical technology: In cooperation with the Friedrich-Baur-Research Institute for Biomaterials at the University of Bayreuth we do research, develop innovative production techniques and produce medical devices. Our success story covers the development of nanotechnological coatings that improve the ingrowth of implants, kill bacteria or act anti-allergic. Our customized bone substitute materials repairs bone defects and our bio-resorbable bone wax stops bleeding out of bone wounds.

Our interdisciplinary team combines its extensive knowledge and its experience to bear new ideas and solutions: This leads to new materials and material combinations for diverse medical applications as well as innovative techniques for the production of novel medical devices - and we also develop and produce on behalf of our clients.

We are pleased to offer our experts advice: Using our know how and our technological experience we optimize your production process and your product development as well.

The BioCer Entwicklungs-GmbH combines the spirit of research and business sense to one aim: To provide the medical and the patient a product that supports healing and restores its physical health.



INOMED HEALTH
INNOVATIVE MEDICAL DEVICES

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