






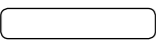
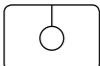

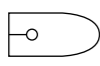


Reference Number	Product	Content
MFP101	 TiO ₂ Mesh™ 6 cm x 9 cm (2.4'' x 3.6'')	3/cs
MFP102	 TiO ₂ Mesh™ 8 cm x 11 cm (3.2'' x 4.4'')	3/cs
MFP103	 TiO ₂ Mesh™ 10 cm x 12 cm (4'' x 4.8'')	3/cs
MFP111	 TiO ₂ Mesh™ 10 cm x 15 cm (4'' x 6'')	3/cs
MFP121	 TiO ₂ Mesh™ 15 cm x 15 cm (6'' x 6'')	3/cs
MFP131	 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

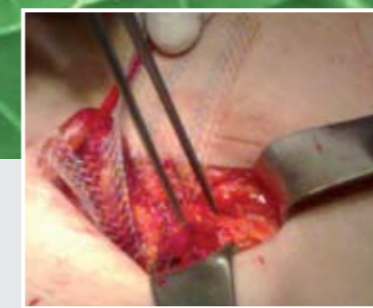
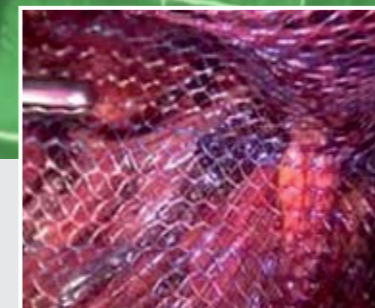
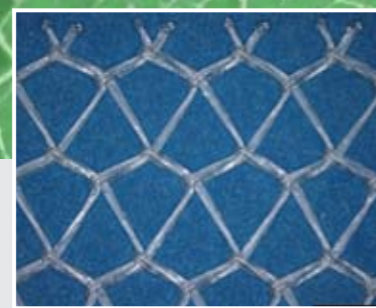
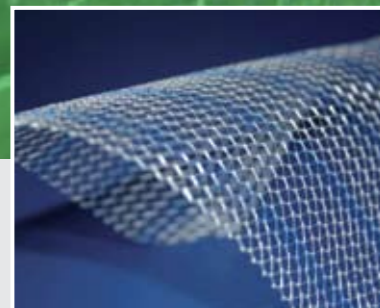
- TiO₂Mesh™ is a surgical mesh implant particularly suitable for the repair of tissue defects of the abdominal wall.
- TiO₂Mesh™ is completely covered by a 100% pure titanium oxide layer to ensure an outstanding biocompatibility.
- TiO₂Mesh™ is made from monofilament polypropylene threads and has a large-pored 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 Mesh™

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