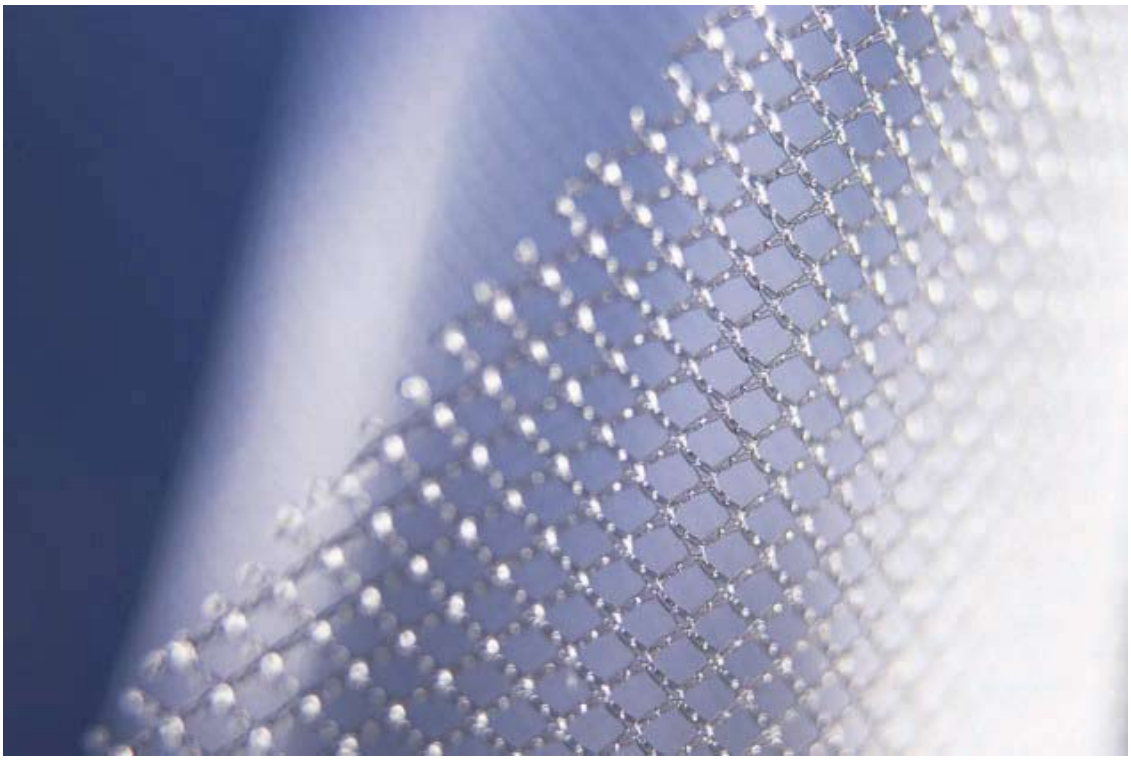
TiMESH™

The titanized mesh for medical treatment
of inguinal and incisional hernias



- Biocompatibility
- Ultra-light-weight mesh
- Minimized shrinking[1]
- Sufficient flexibility
- Titanized Polymers

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TiMESH™ Titanized soft tissue reinforcement implant for hernia repair

Application

TiMESH™ is intended for various indications regarding the use of soft tissue reinforcement implants, e.g. medical treatment of inguinal and incisional hernia.

Design

TiMESH™ is especially designed for:

- all state-of-the-art mesh-surgery techniques
- inguinal, incisional, umbilical, and parastomal hernia repair
- intraperitoneal and peritoneal use

Material

- titanized polypropylene
- prosthetic mesh
- monofile fiber
- pore size ≥ 1 mm
- tensile strength ≥ 16 N/cm
- laser¬cut edges

With a grammage of only 16 g/m **TiMESH**™ meets the high standards of modern, patient¬oriented hernia surgery.

Implantation procedure

For inguinal hernia treatment **TiMESH**™ can be used in both, open and laparoscopic implantation (e.g. TAPP, TEP). For incisional hernia treatment **TiMESH**™ can be implanted as follows: (a) in the peritoneum, (b) between the abdominal wall and the peritoneum or (c) before the deep muscle layer.

Description	Size	PU	REF
TiMESH™ extralight (16 g/m²)	10 x 15 cm (4" x 6")	3	6000137
TiMESH™ extralight (16 g/m²)	15 x 15 cm (6" x 6")	3	6000311
TiMESH™ extralight (16 g/m²)	20 x 15 cm (8" x 6")	3	6000248
TiMESH™ light (35 g/m²)	10 x 15 cm (4" x 6")	3	6000138
TiMESH™ light (35 g/m²)	15 x 15 cm (6" x 6")	3	6000312
TiMESH™ light (35 g/m²)	20 x 15 cm (8" x 6")	3	6000140
TiMESH™ light (35 g/m²)	30 x 30 cm (12" x 12")	1	6000139
TiMESH™ strong (65 g/m²)	10 x 15 cm (4" x 6")	3	6000470
TiMESH™ strong (65 g/m²)	15 x 15 cm (6" x 6")	3	6000471
TiMESH™ strong (65 g/m²)	20 x 15 cm (8" x 6")	3	6000423
TiMESH™ strong (65 g/m²)	30 x 30 cm (12" x 12")	1	6000424

Reference

1. Schug-Pass *et al*. Surgical Endosoopy A lightwieight polypropylene mesh for laparoscopic repair intraperitonieal repair fo abdominal wall hernias: comparison of biocompatibiltiy with the dualMesh in an experimental study sising the porcine model. *Surgical Endoscopy*. 20: 402–409, 2006.

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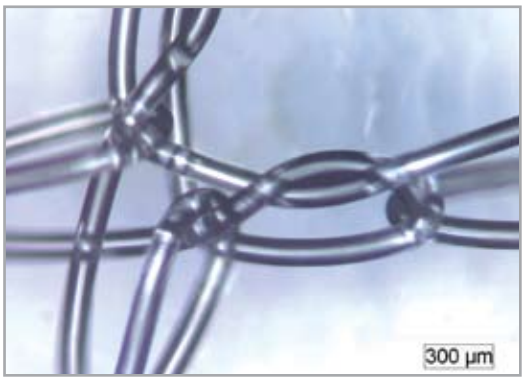
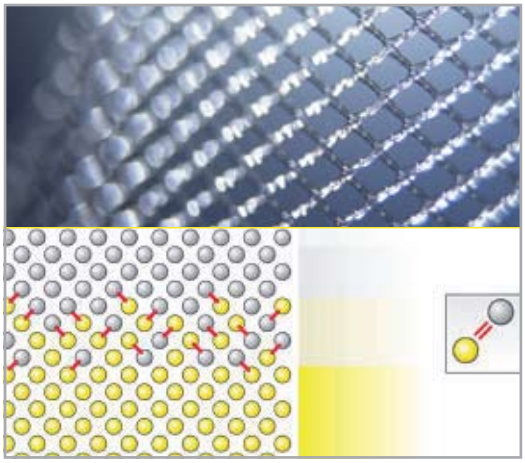


The smooth and flexible fiber (only 16 g/m²) provides optimal biocompatibility and patient comfort, without compromising strength.

Rounded smooth fiber ends, resulting from laser-cut mesh edges, help to prevent micro tissue trama.



Excellent biocompatibility through a unique combination of a compound material with covalent bonded titanium layer of ~ 30 nm thickness only and a lightweight open porous mesh structure.

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One Surgeon. One Patient.℠

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