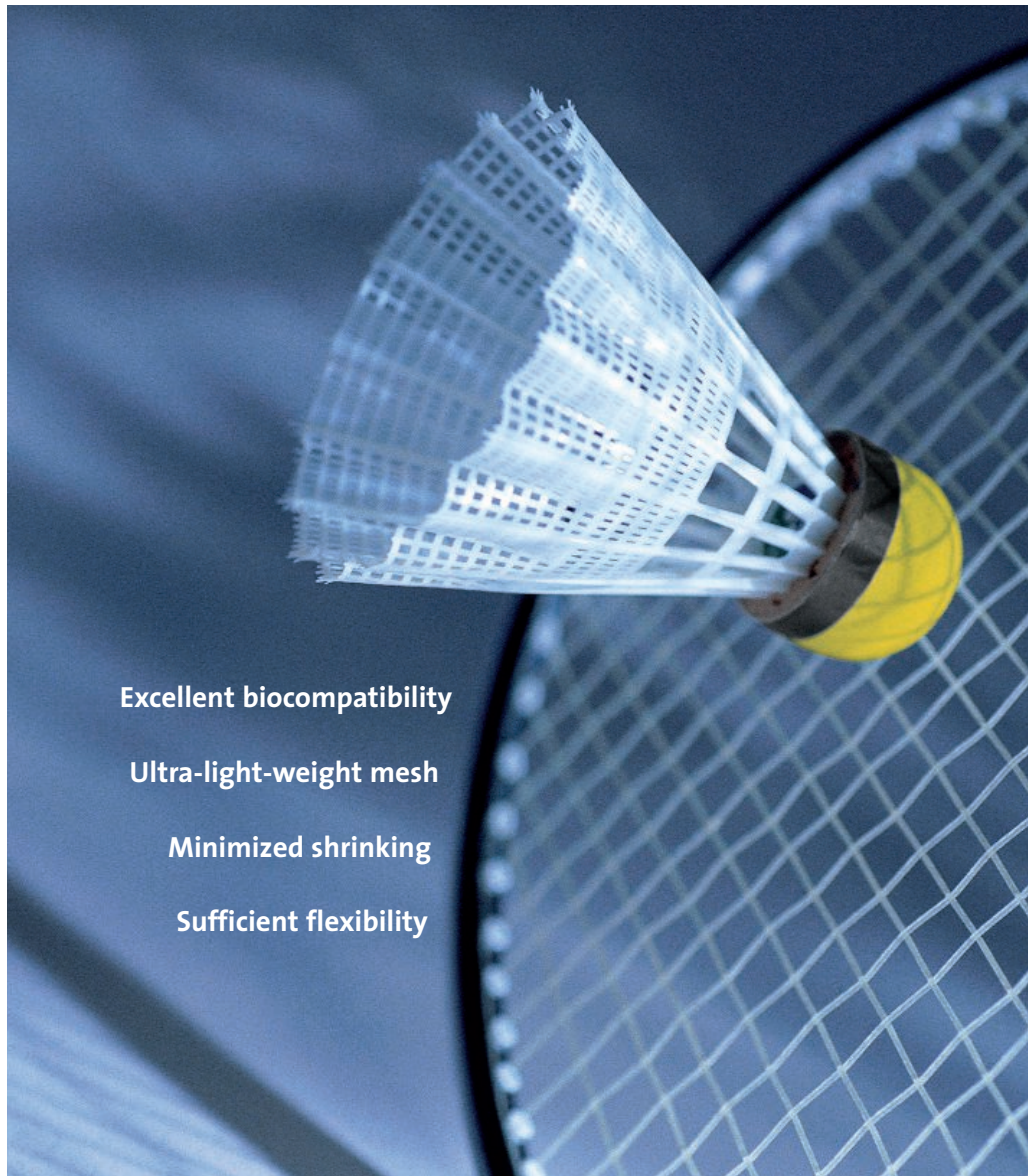


## SURGERY



Excellent biocompatibility

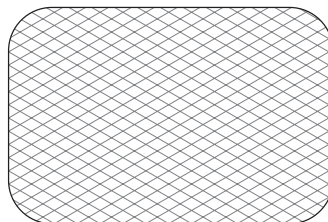
Ultra-light-weight mesh


Minimized shrinking

Sufficient flexibility

**TiMESH®**

the titanized mesh for medical treatment  
of inguinal and incisional hernias



 Titanized Polymers

**ptm**

## 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, parastomal and hiatus hernia repair
- ▶ intraperitoneal and peritoneal use

### Material

- ▶ titanized polypropylene
- ▶ prosthetic mesh
- ▶ monofile fiber
- ▶ pore size  $\geq 1$  mm
- ▶ tensile strength  $\geq 16$  N/cm
- ▶ laser-cut edges

With a grammage of only 16 g/m<sup>2</sup> 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.

The outstanding effectiveness of titanized polypropylene in hernia surgery has been demonstrated in more than 200,000 operations worldwide.

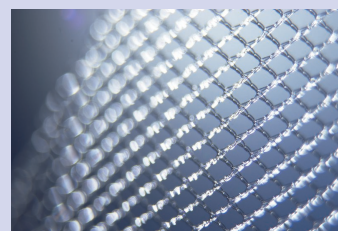
REF	Description	PU
6000004	TiMESH® extralight (16 g/m <sup>2</sup> ), 10 x 15 cm (4" x 6")	3
6000029	TiMESH® extralight (16 g/m <sup>2</sup> ), 15 x 15 cm (6" x 6")	3
6000028	TiMESH® extralight (16 g/m <sup>2</sup> ), 20 x 15 cm (8" x 6")	3
6000001	TiMESH® light (35 g/m <sup>2</sup> ), 10 x 15 cm (4" x 6")	3
6000030	TiMESH® light (35 g/m <sup>2</sup> ), 15 x 15 cm (6" x 6")	3
6000016	TiMESH® light (35 g/m <sup>2</sup> ), 20 x 15 cm (8" x 6")	3
6000073	TiMESH® light (35 g/m <sup>2</sup> ), 30 x 30 cm (12" x 12")	1
6000470	TiMESH® strong (65 g/m <sup>2</sup> ), 10 x 15 cm (4" x 6")	3
6000471	TiMESH® strong (65 g/m <sup>2</sup> ), 15 x 15 cm (6" x 6")	3
6000425	TiMESH® strong (65 g/m <sup>2</sup> ), 20 x 15 cm (8" x 6")	3
6000426	TiMESH® strong (65 g/m <sup>2</sup> ), 30 x 30 cm (12" x 12")	1



The smooth and flexible fiber (only 16 g/m<sup>2</sup>) provides optimal biocompatibility and patient comfort, without compromising strength.



Rounded smooth fiber ends, resulting from laser-cut mesh edges, prevent micro traumata.



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.



Exclusive distributor:  
Certified by: ISO 13485 : 2003

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