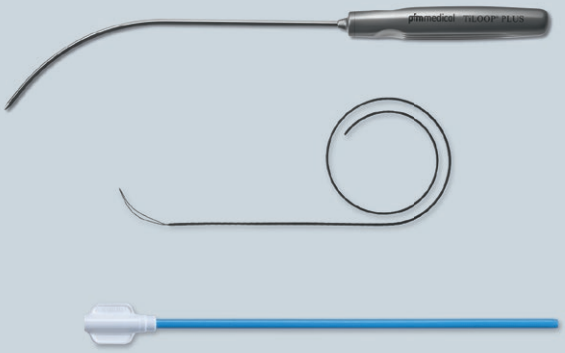
pfmmedical
Quality and Experience

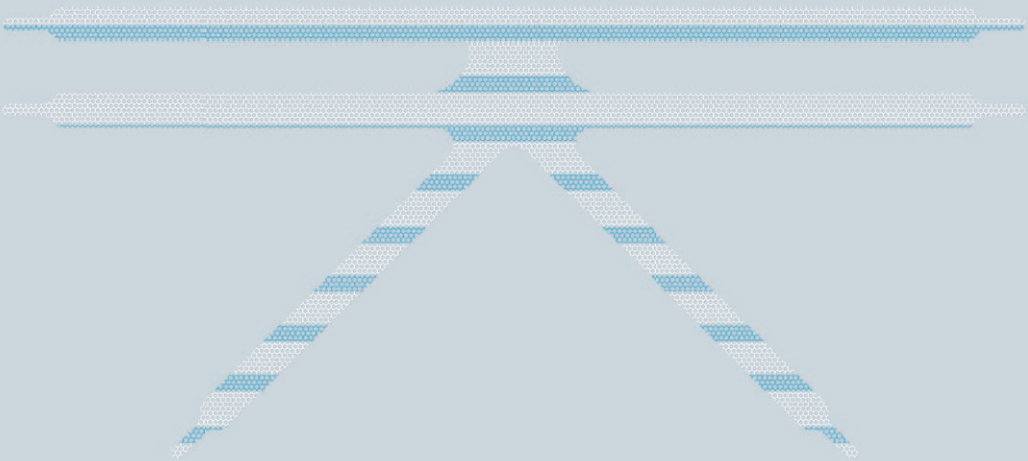
Made in Germany

Titanised mesh implants for urogynaecology

- Transvaginal multi-arm meshes
- Incontinence tapes
- Instruments
- Laparoscopic meshes

www.pfmmedical.com





Treatment of genital prolapse with TiLOOP® multi-arm meshes

Surgical treatment with mesh implants can be discussed if your patients have a severe or recurrent prolapse, high psychologigal strain or a high demand for anatomically stable repair. TiLOOP® transvaginal meshes are particularly suitable for pelvic floor reconstruction.

- Improved quality of life[1,2]
- Anatomically excellent reconstruction[2]
- Low relapse rate[1]
- Possibility of total repair

General Benefits

Improved quality of life

In one of the most comprehensive prospective studies in the area of pelvic floor reconstruction using transvaginal mesh implants (n = 292), a significant permanent improvement in the quality of life, particularly with regard to the much-discussed topic of sexuality, was demonstrated by the previous product.[1,2] More on the study: www.pfmmedical.com/tiloop-t6-study

Safe and guideline-based

As a 6-arm mesh, with additional apical fixation in the sacrospinal ligaments, the TiLOOP® PRO PLUS A offers a safe, guideline-based descensus therapy.[3]

Reduced risk of inflammation

Compared to simple polypropylene, the hydrophilic, titanised surface represents a lower risk of inflammation – and therefore less scar formation.[4]

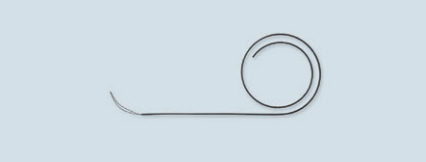
By urogynaecologists, for urogynaecologists

All TiLOOP® mesh implants were developed together with urogynaecologists and are 100% “Made in Germany”.

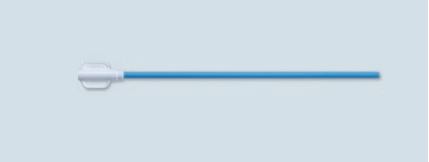
Unique PLUS-System

With the PLUS-System, which consists of a catheter and snares, the mesh arms can be positioned atraumatically and adjusted bi-directionally: the best prerequisites for tension and fold-free insertion of the mesh.

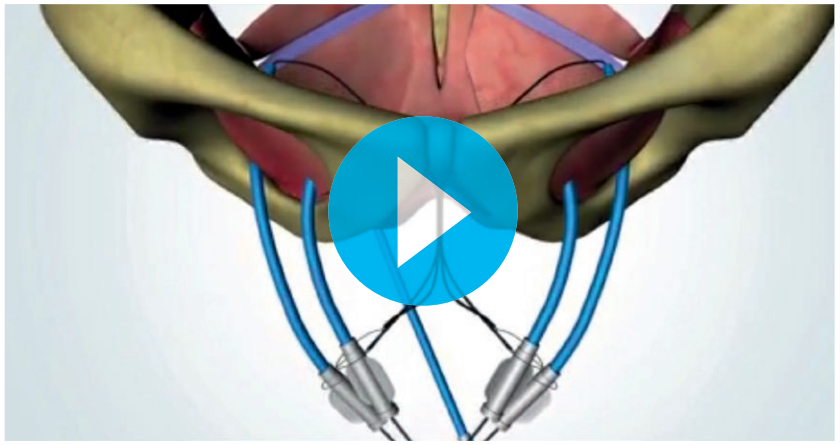
TiLOOP® Instruments PLUS



Snare



Catheter



www.pfmmedical.com/meshvideos

Animation PLUS-System

General Details

- **Titanised type 1a polypropylene mesh**
- **Macroporous:** 1 or 3 mm pore size
- **Light:** 24 or 35 g/m²
- **Monofilament fabric**
- **Atraumatic, laser-cut edges**
- **Non-resorbable**

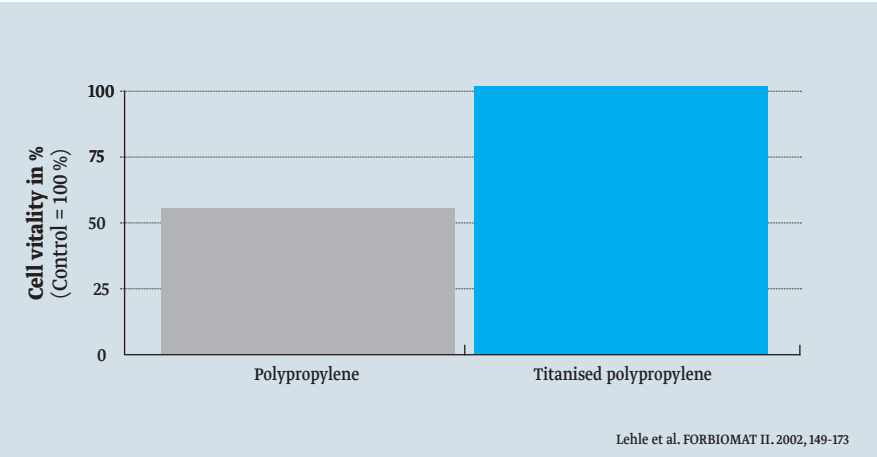
Knowledge

In addition to the skills of the surgeon, the quality of the mesh material determines the quality of a lasting and anatomically stable descensus repair. TiLOOP® mesh implants are made of Type 1a polypropylene mesh (macroporous & monofilament) with a titanised, hydrophilic surface.

Compared to simple polypropylene, this offers a number of advantages, which are already known in the use of titanised mesh implants for hernia surgery, such as:

- better cell growth[5]
- lower risk of inflammation[4]
- less scarring[6]
- less shrinkage of the mesh[4]

Higher cell vitality through titanisation

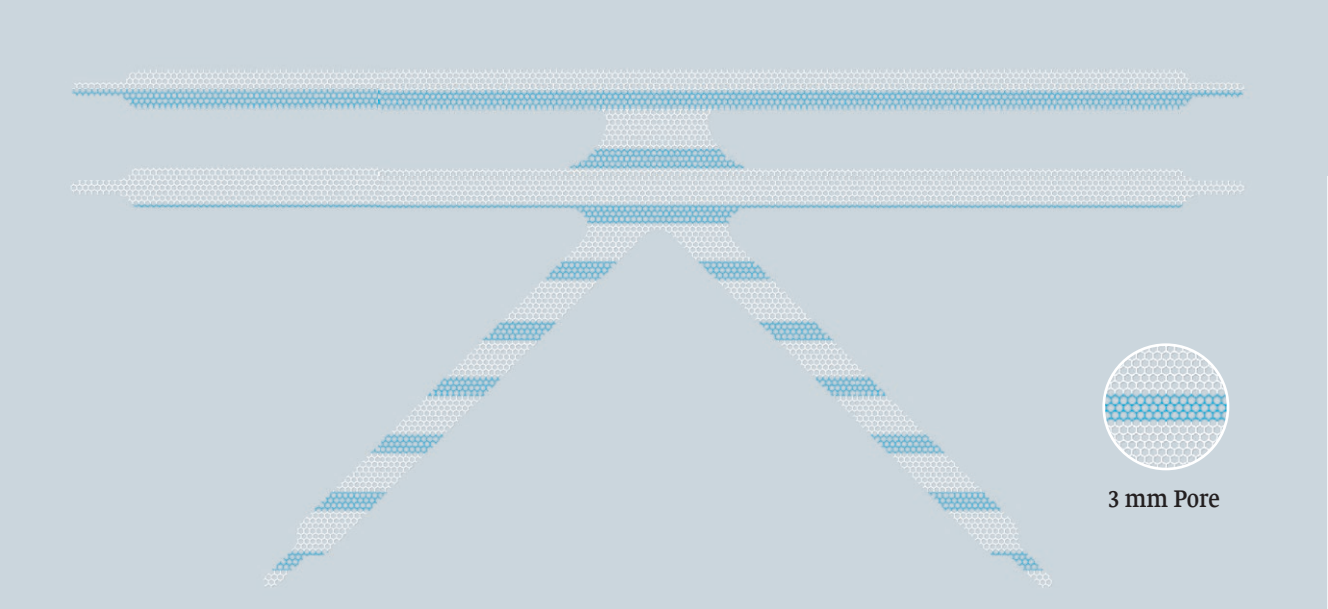


Increased cell vitality of fibroblasts through polypropylene surface titanisation

TiLOOP® PRO PLUS Anterior

The TiLOOP® PRO PLUS A Transvaginal Descensus Repair System is suitable for the anterior elevation of the pelvic floor (cystocele; vaginal prolaps). The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

View



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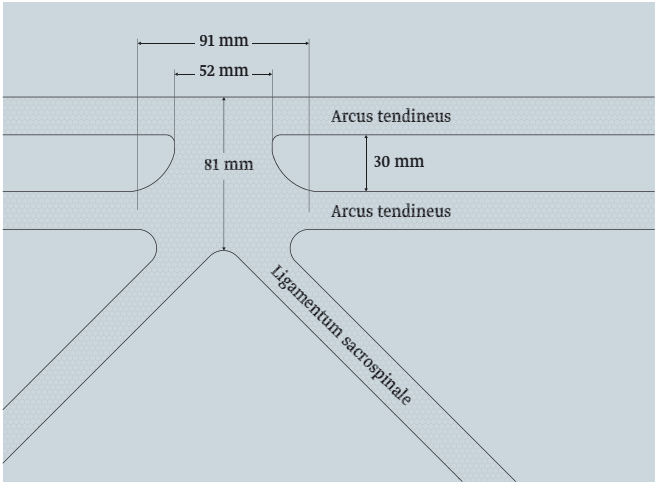


Technical Data

- **Titanised type 1a polypropylene mesh**
- **Pore size:** 3 mm
- **Weight:** 24 g/m²
- **Needle to be ordered separately:**
  TiLOOP® Instruments PLUS (REF 6000964)

Ordering Information

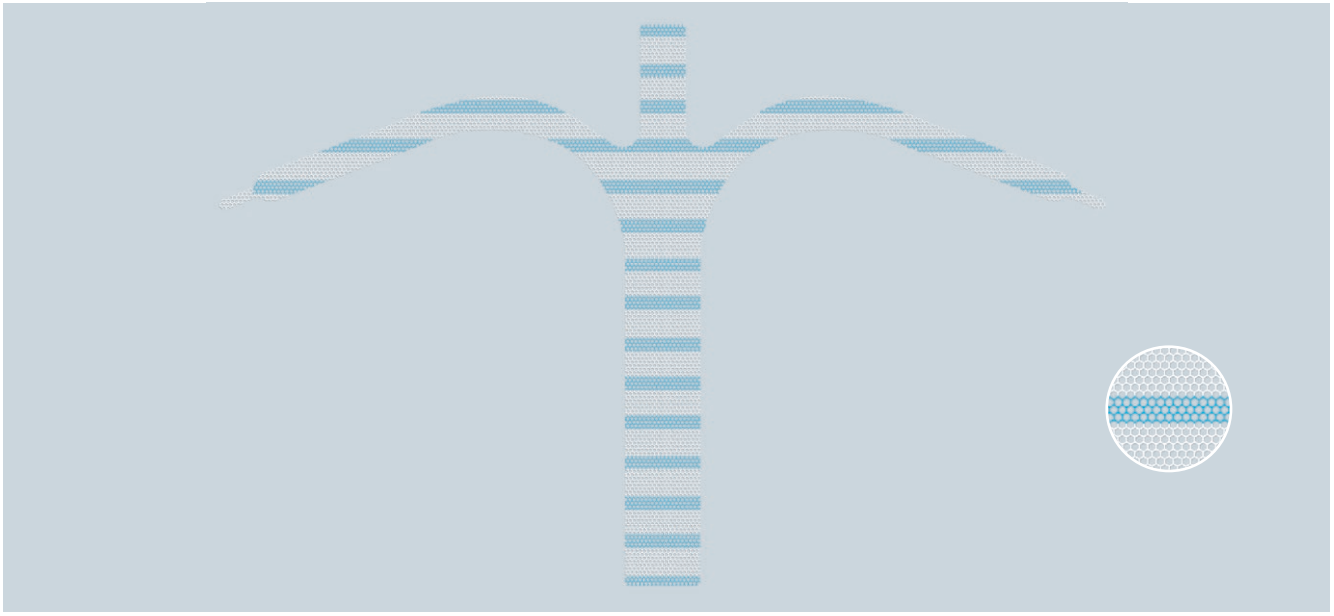
TiLOOP® PRO PLUS Anterior

Indication	Content	PU	REF
Cystocele	1 x 6-arm mesh, 6 x catheters, 6 x snares	1	6001340

TiLOOP® PRO PLUS Posterior

The TiLOOP® PRO PLUS P Transvaginal Descensus Repair System is suitable for the posterior elevation of the pelvic floor (rectocele or enterocele). The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

View



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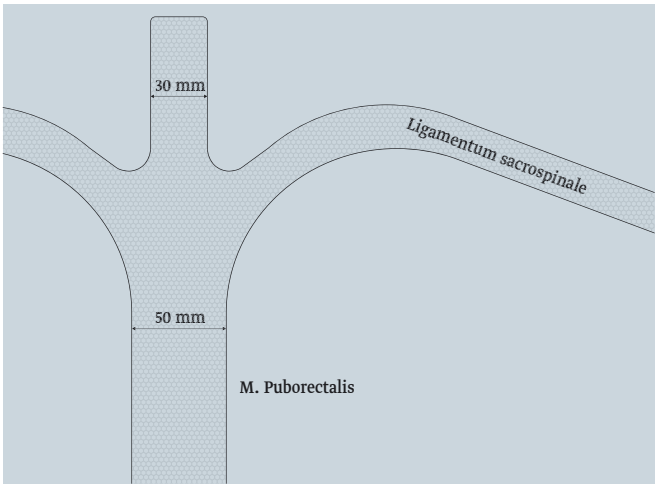


Technical Data

- **Titanised type 1a polypropylene mesh**
- **Pore size:** 3 mm
- **Weight:** 24 g/m²
- **Needle to be ordered separately:**
  TiLOOP® Instruments PLUS (REF 6000964)

Ordering Information

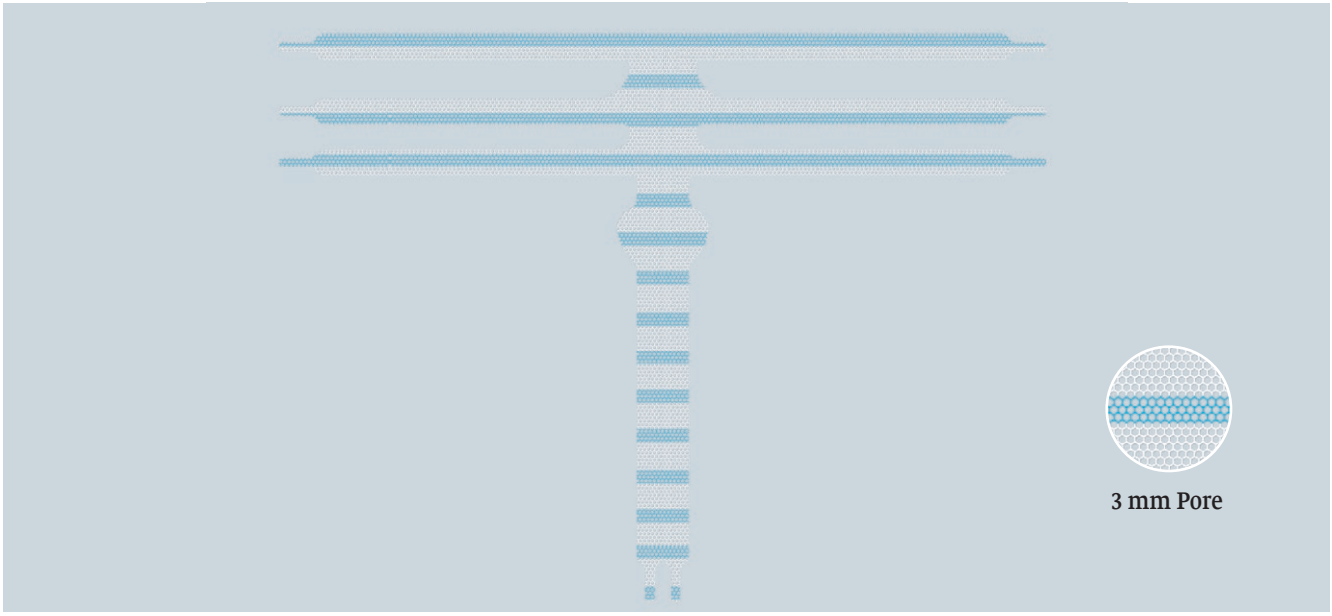
TiLOOP® PRO PLUS Posterior

Indication	Content	PU	REF
Enterocele, rectocele	1 x 4-arm mesh, 4 x catheters, 4 x snares	1	6001341

TiLOOP® PRO PLUS Total

The TiLOOP® PRO PLUS T Transvaginal Descensus Repair System is suitable for the total elevation of the pelvic floor in total pelvic organ prolapse. The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

View



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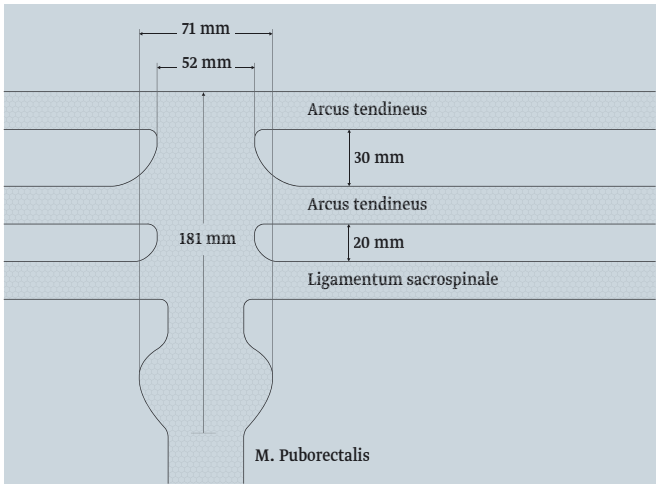


Technical Data

- **Titanised type 1a polypropylene mesh**
- **Pore size:** 3 mm
- **Weight:** 24 g/m²
- **Needle to be ordered separately:**
  TiLOOP® Instruments PLUS (REF 6000964)

Ordering Information

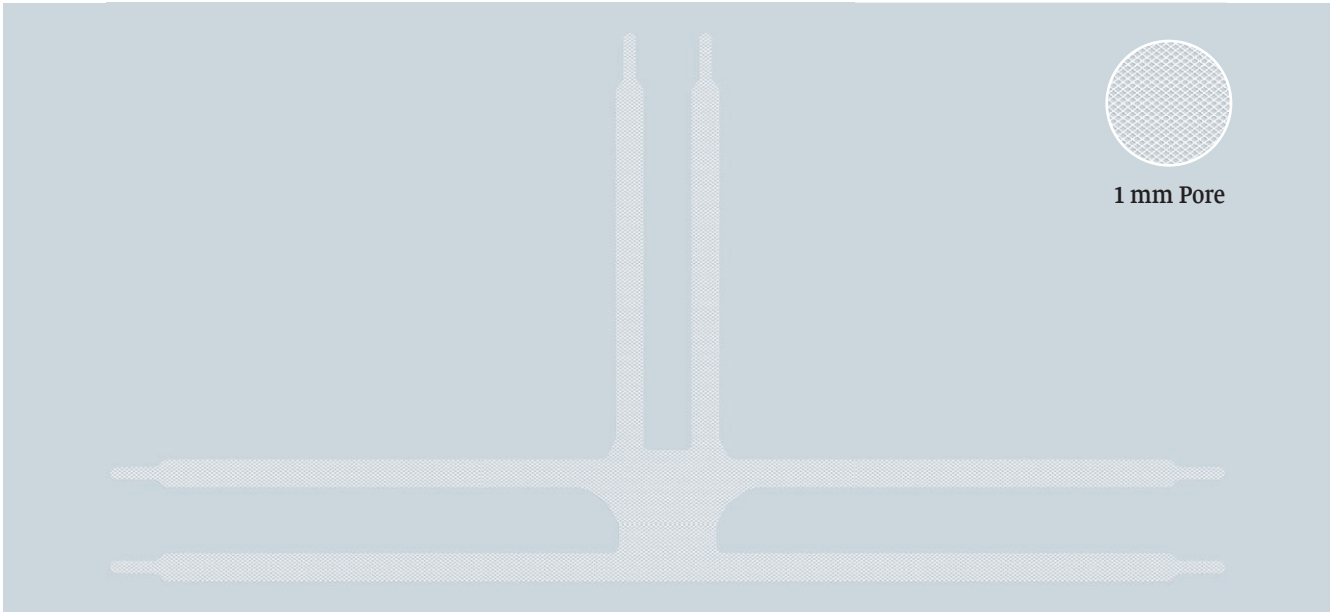
TiLOOP® PRO PLUS Total

Indication	Content	PU	REF
Total prolapse	1 x 8-arm mesh, 8 x catheters, 8 x snares	1	6001342

TiLOOP® Total 6

The TiLOOP® Total 6 transvaginal 6-arm mesh is suitable for both anterior (cystocele, vaginal prolaps) and posterior defects (enterocele, rectocele). The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

View



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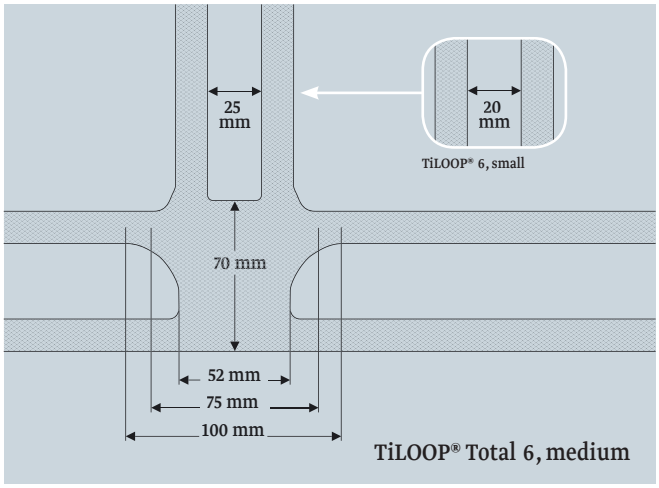


Technical Data

- **Titanised type 1a polypropylene mesh**
- **Pore size:** 1 mm
- **Weight:** 35 g/m²
- **Needle to be ordered separately:**
  TiLOOP® Instruments PLUS (REF 6000964)

Ordering Information

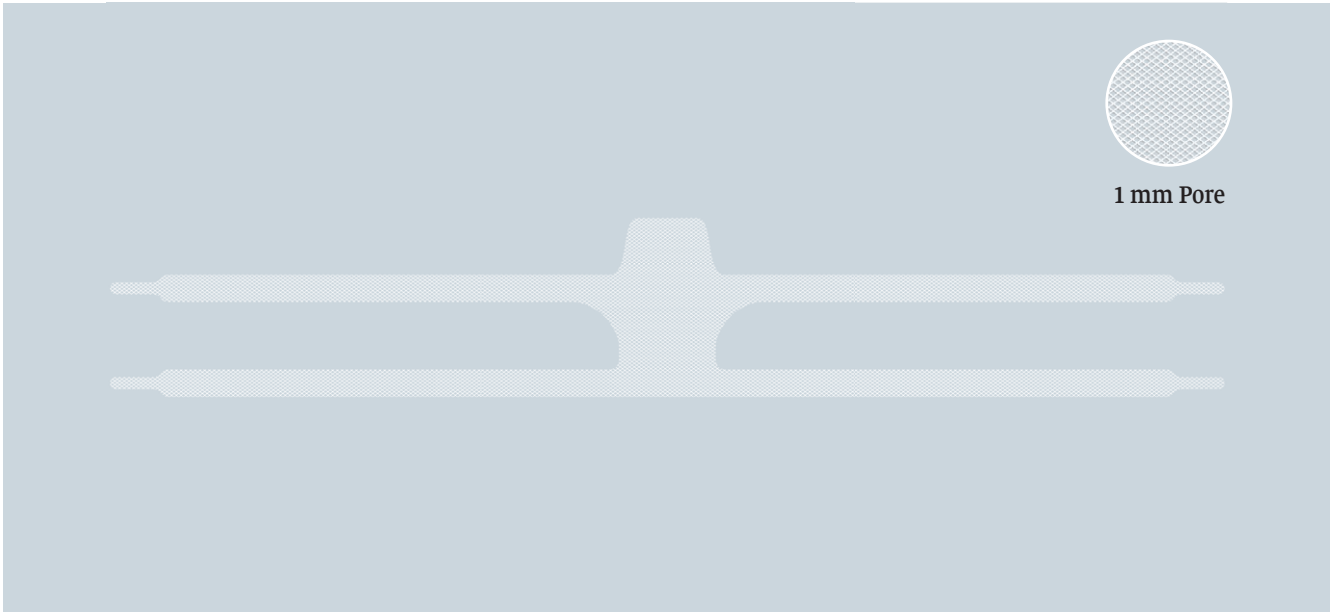
TiLOOP® Total 6

Version	Content	PU	REF
TiLOOP® Total 6 PLUS, small	1 x 6-arm mesh, 6 x catheters, 6 x snares	1	6000966
TiLOOP® Total 6 PLUS, medium	1 x 6-arm mesh, 6 x catheters, 6 x snares	1	6000967
TiLOOP® Total 6, small	1 x 6-arm mesh	1	6000712
TiLOOP® Total 6, medium	1 x 6-arm mesh	1	6000724

TiLOOP® Total 4

The TiLOOP® Total 4 transvaginal 4-arm mesh is suitable for both anterior (cystocele, vaginal prolaps) and posterior defects (enterocele, rectocele). The PLUS-System and the hydrophilic, titanised surface of the mesh make it unique.

View



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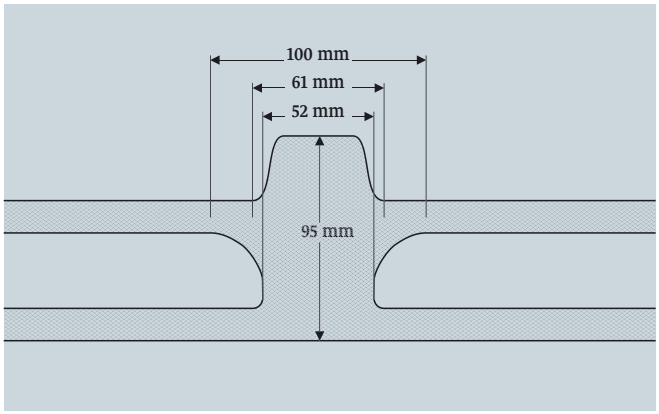


Technical Data

- **Titanised type 1a polypropylene mesh**
- **Pore size:** 1 mm
- **Weight:** 35 g/m²
- **Needle to be ordered separately:**
  TiLOOP® Instruments PLUS (REF 6000964)

Ordering Information

TiLOOP® Total 4

Version	Content	PU	REF
TiLOOP® Total 4 PLUS	1 x 4-arm mesh, 4 x catheters, 4 x snares	1	6000965
TiLOOP® Total 4	1 x 4-arm mesh	1	6000711

Incontinence Tapes

The titanised vaginal tape mesh implants TiLOOP® Tape (high elasticity) and TiLOOP® Ausf. Kompetenz (low elasticity) are used to treat female stress incontinence. They are placed suburethrally and free of tension. Any retropubic/retrosympheseal (TVT) and transobturator (TVT-O) technique can be applied.

View

Benefits

Based on the patient, you can choose from two degrees of elasticity: TiLOOP® Tape has a higher elasticity and TiLOOP® Ausf. Kompetenz has a lower elasticity.

Technical Data

- **Titanised type 1a polypropylene mesh**
- **Pore size:** 1 mm
- **Weight:** 35 g/m²

Ordering Information

TiLOOP® Incontinence Tapes

Version	Dimensions	Elasticity	PU	REF
TiLOOP® Tape	1,5 cm x 50,0 cm	high	3	6000524
TiLOOP® Ausf. Kompetenz	1,5 cm x 50,0 cm	low	3	6000708

TiLOOP® Instruments

TiLOOP® Instruments are used in the application of urogynaecological TiLOOP® mesh implants for the restoration of urinary continence and defect-specific pelvic floor reconstruction. The instruments are environment friendly - they can be re-sterilised and are supplied non-sterile.

View

TiLOOP® Instruments PLUS
The catheters of the TiLOOP® PLUS Descensus Repair System are positioned within the appropriate structures of the pelvic floor with the aid of the TiLOOP® Instruments PLUS.

TiLOOP® Retrosympheseal Needle Applicator
With the aid of the TiLOOP® Retrosympheseal Needle Applicator, the arms of the transvaginal multi-arm mesh can be pulled through the appropriate structures within the pelvic floor.

TiLOOP® Transobturatoric Applicator Set
With the aid of the TiLOOP® Transobturatoric Applicator Set, the arms of urogynaecological meshes can be pulled through the foramen obturatum.

TiLOOP® Transobturatoric Needle Applicator
With the aid of the TiLOOP® Transobturatoric Needle Applicator, the arms of urogynaecological meshes can be pulled through the foramen obturatum.

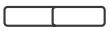
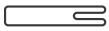
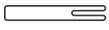
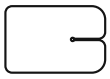
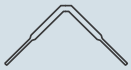
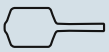
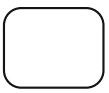
Ordering Information

TiLOOP® Instruments

Version	PU	REF
TiLOOP® Instruments PLUS	1	6000964
TiLOOP® Retrosympheseal Needle Applicator	1	6000626
TiLOOP® Transobturatoric Applicator Set	1	6000625
TiLOOP® Transobturatoric Needle Applicator	1	6000624

Overview: pelvic floor reconstruction with laparoscopic TiLOOP® meshes

pfm medical offers a broad range of meshes for laparoscopic or open surgical techniques.

Version	Mesh blank	Sacrocol-popexy	Lateral sus-pension	Mutiple application	Dimensions (cm)	Weight (g/m²)	PU	REF
TiLOOP® EndoPLUS		•			20 x 4	35	1	6000928
TiLOOP® KES I		•			16 x 3	35	3	6000646
TiLOOP® KES II		•			16 x 3	35	3	6000647
TiLOOP® Hatzinger		•			21 x 3	35	3	6000743
TiLOOP® Honneck		•			21 x 3	35	3	6000902
TiLOOP® EndoREX		•			20 x 6	35	3	6001062
TiLOOP® Clip		•			10 x 15	16	3	6000478
		•			10 x 15	35	3	6000479
TiLOOP® Dubuisson			•		41,5 x 9	65	1	6000745
TiLOOP® EndoLAS			•		41,5 x 15	65	1	6001358
TiLOOP® EndoLIFT			•		49,5 x 1,8/0,8	65	1	6001354
TiLOOP® Fix				•	41,5 x 1,5	35	3	6000521
				•	41,5 x 1,5	65	3	6000522
TiLOOP® EndoPRO				•	20,5 x 8	35	1	6000914
TiLOOP® Mesh				•	10 x 15	16	3	6000486
				•	10 x 15	35	3	6000472
				•	15 x 15	16	3	6000473
				•	15 x 15	35	3	6000487

Video

www.pfmmedical.com/meshvideos

Workshops

www.pfmmedical.com/meshworkshops

Literature

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6. Scheidbach et al. Influence of Titanium Coating on the Biocompatibility of a Heavyweight Polypropylene Mesh. Eur Surg Res 2004;36:313–317

Contact

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