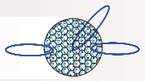
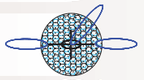
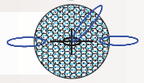
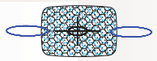
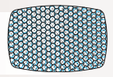
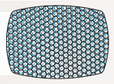
A complete solution for ventral hernia repair

IS180

Wide range of sizes
and designs covering
all laparoscopic indications

IS180 1000 R	Ø 10 cm	
IS180 1200 R	Ø 12 cm	
IS180 1600 R	Ø 16 cm	
IS180 1015 S	10 x 15 cm	
IS180 1520 S	15 x 20 cm	
IS180 2030 S	20 x 30 cm	
IS180 2535 S	25 x 35 cm	

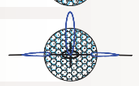
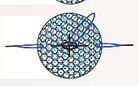
EASY-CATCH® EC

Single use instrumentation

EC 208	Ø1 x 201	

PREFIX

Pre-fixation traction
threads with needles,
for In-Out approach

IS180 1002 VL	Ø 10 cm	
IS180 1202 VL	Ø 12 cm	
IS180 1602 VL	Ø 16 cm	
IS180 10152 VL	10 x 15 cm	
IS180 15202 VL	15 x 20 cm	

VENTRO-S

Anatomical designs
with fixation skirt
for open surgery

IS180 1200 VO	Ø 12 cm	
IS180 1015 VO	10 x 15 cm	
IS180 1520 VO	15 x 20 cm	
IS180 2030 VO	20 x 30 cm	
IS180 2535 VO	25 x 35 cm	

INTRA-SWING® is a CE Class IIb Medical Device.

ISC V1 - 09/14

CE
0120

swing TECHNOLOGIES
a THT bio-science division

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Tel. : (33) 05 63 98 76 11 - Fax : (33) 05 63 98 10 95

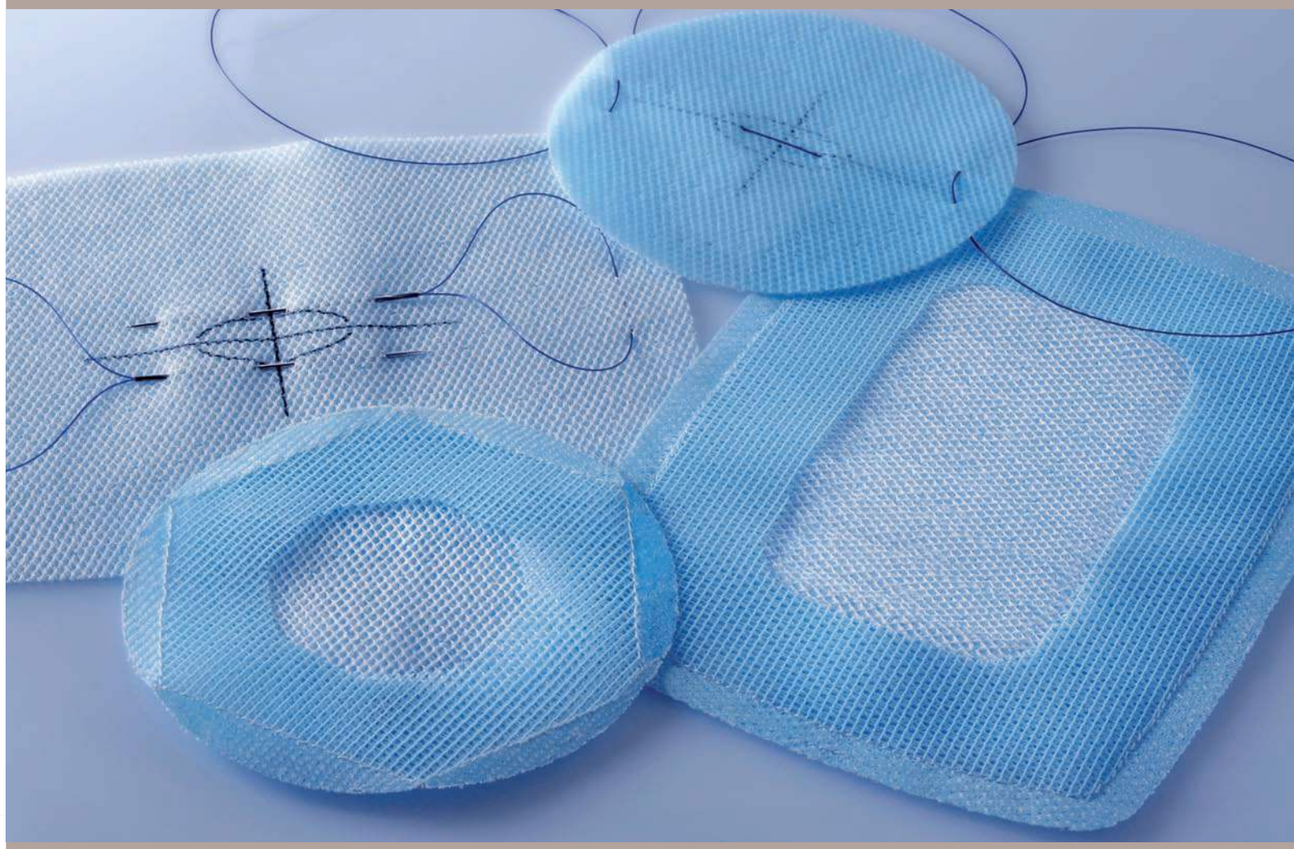
Sales department: 1, rue d'Albisson - 34000 Montpellier
Tél. : (33) 04 99 58 10 92 - Fax : (33) 04 67 54 35 84
export@thtbio-science.com - www.thtbio-science.com

Made in France by :

THT bio-science group

NEW

INTRA-swing®
COMPOSITE



IS180 PREFIX VENTRO-S

A complete solution for ventral hernia repair

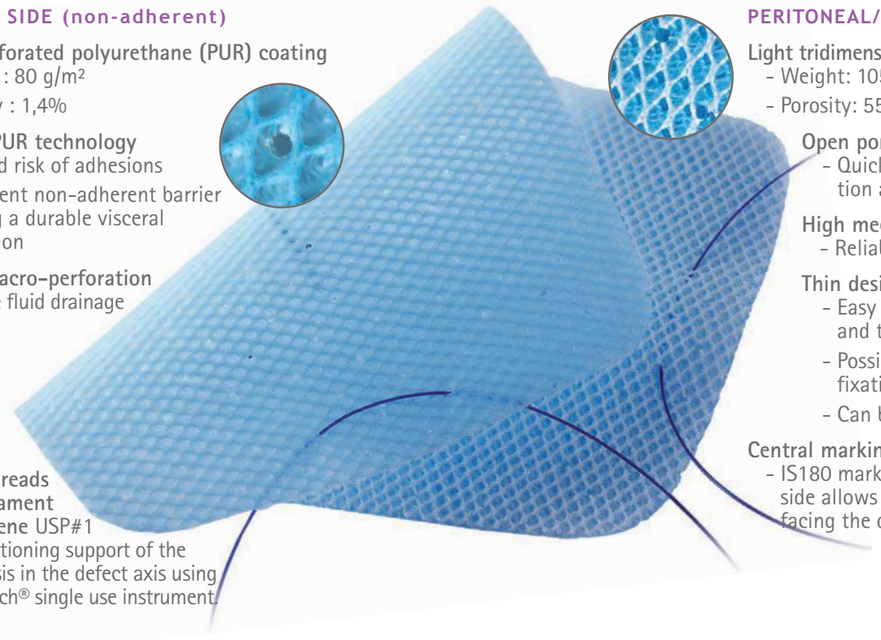
made in FRANCE SINCE 1992

swing TECHNOLOGIES
a THT bio-science division

NEW

INTRA-swing® COMPOSITE

IS180 Laparoscopic / Open surgery



VISCERAL SIDE (non-adherent)

Macro-perforated polyurethane (PUR) coating
- Weight : 80 g/m²
- Porosity : 1,4%

Exclusive PUR technology
- Reduced risk of adhesions
- Permanent non-adherent barrier offering a durable visceral protection

Ø 1 mm macro-perforation
- Ease the fluid drainage

Traction threads in monofilament polypropylene USP#1
- Pre-positioning support of the prosthesis in the defect axis using Easy catch® single use instrument

PERITONEAL/PARIETAL SIDE

Light tridimensional polyester mesh
- Weight: 105 g/m²,
- Porosity: 55 %,

Open pores concept
- Quick cellular colonization and durable fixing

High mechanical resistance
- Reliable long-term fixing

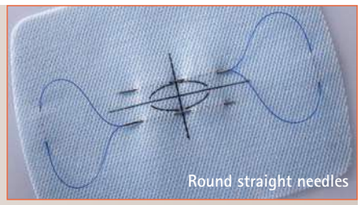
Thin design
- Easy handling and trocar insertion
- Possibility to use the fixation device
- Can be trimmed

Central marking
- IS180 marking on the internal side allows an easy positioning, facing the defect

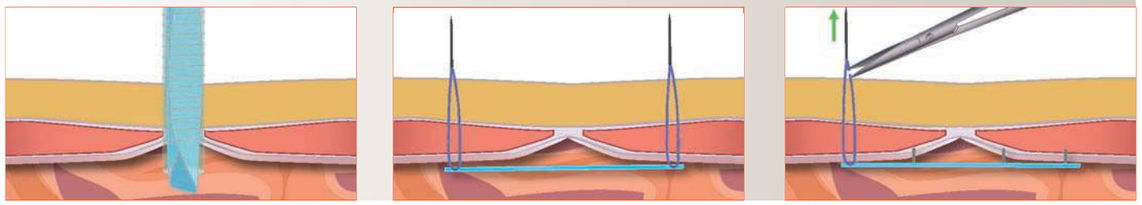
PREFIX

Pre-fixation threads with needles

IS180 prosthesis with needled positioning threads.
Easier lateralization of the mesh during laparoscopic surgery, in line of the parietal defect facilitating initial placement.



PREFIX PRINCIPLE



1/Introduction 2/Positioning 3/Fixation

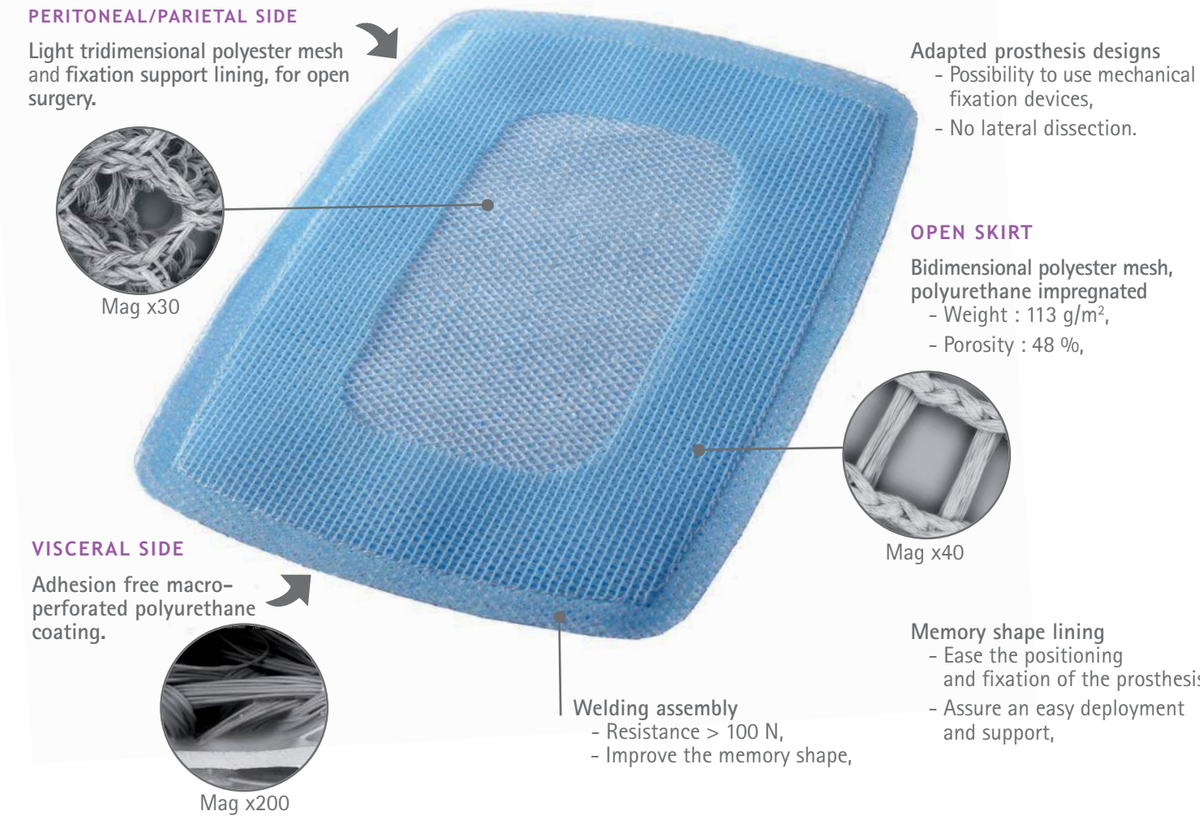
CLINICAL AND TECHNICAL DATA

Pre-clinical data:
- PUR : stable, biocompatible and adhesion-free biomaterial[1]
- Intraperitoneal placement study (18 rabbits)[2]
  - Implant extraction at 4, 9 and 13 months : all intact, well integrated and no local sepsis
  - Non-occlusive and loose adherences in 3/18 rabbits

INTRA-SWING® prosthesis are clearly harmless and adhesion-free.

Clinical data:
- Intermediary analysis of the INTRA-SWING® observational study (ETOBSI : 71 patients, post-operative follow-up at 2 years at 69%, at 1 year 24%, 7% out of the study) : recurrence 0%, infection 2,8% (2/71).
- Observational clinical study Olmi et al., 2010[3] (19 patients, post-operative follow-up at 20 months): recurrence 0%, infection 0%
- Clinical market follow-up (117 patients, post-operative follow-up at 1 month): recurrence 0%, infection 0,8%

VENTRO-S Open surgery / Reduced incision size



PERITONEAL/PARIETAL SIDE

Light tridimensional polyester mesh and fixation support lining, for open surgery.

Mag x30

Adapted prosthesis designs
- Possibility to use mechanical fixation devices,
- No lateral dissection.

OPEN SKIRT

Bidimensional polyester mesh, polyurethane impregnated
- Weight : 113 g/m²,
- Porosity : 48 %,

Mag x40

VISCERAL SIDE

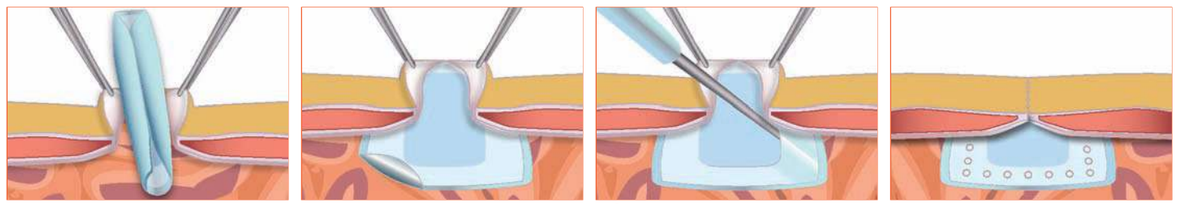
Adhesion free macro-perforated polyurethane coating.

Mag x200

Welding assembly
- Resistance > 100 N,
- Improve the memory shape,

Memory shape lining
- Ease the positioning and fixation of the prosthesis,
- Assure an easy deployment and support,

VENTRO-S PRINCIPLE



1/Introduction 2/Deployment 3/Fixation 4/Closing

CLINICAL AND TECHNICAL DATA

HAS Report, November 2008[4]:
Clinical data analysis issued from surgeries performed with composite meshes, intraperitoneal placements (medium post-operative follow-up > 2 years)
- e-PTFE visceral side : recurrence ≤ 10%, infection ≤ 9,5%
- Collagen visceral side : recurrence from 2 to 15%
- 2 e-PTFE visceral sides : recurrence ≤ 7%, infection ≤ 3,8%

Technical and data:
Issued from internal and external tests (independent accredited laboratories). Our implants respect the recommendations from HAS, European Pharmacopoeia and standards : NF S94-801 and ISO 13993.

[1] Composite protheses used to repair abdominal wall defects : physical or chemical adhesion barriers? J.M. Bellon, N. Serrano, M. Rodriguez, N. Garcia-Honduvilla, G. Pascual, J. Bujan. J Biomed Mater Res B Appl Biomater. 2005 Aug;74(2):718-24.

[2] Prothèse pariétale composite et non résorbable en polyethylene terephtalate-polyurethane (HI-TEX® PARP-NT) : prévention des adhérences intrapéritonéales. Etude expérimentale chez le lapin, M. Sodji et al., Ann. Chir., 2001, 126 :549-553.

[3] "Laparoscopic incisional hernia repair with fibrin glue in select patients", Olmi et al. (2010), JSLS, 2010, 14:240-245.

[4] « l'évaluation des implants de réfection de paroi, de suspension et d'enveloppement en chirurgie digestive et dans les indications spécifiques à la chirurgie pédiatrique ». Rapport HAS, Novembre 2008.

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