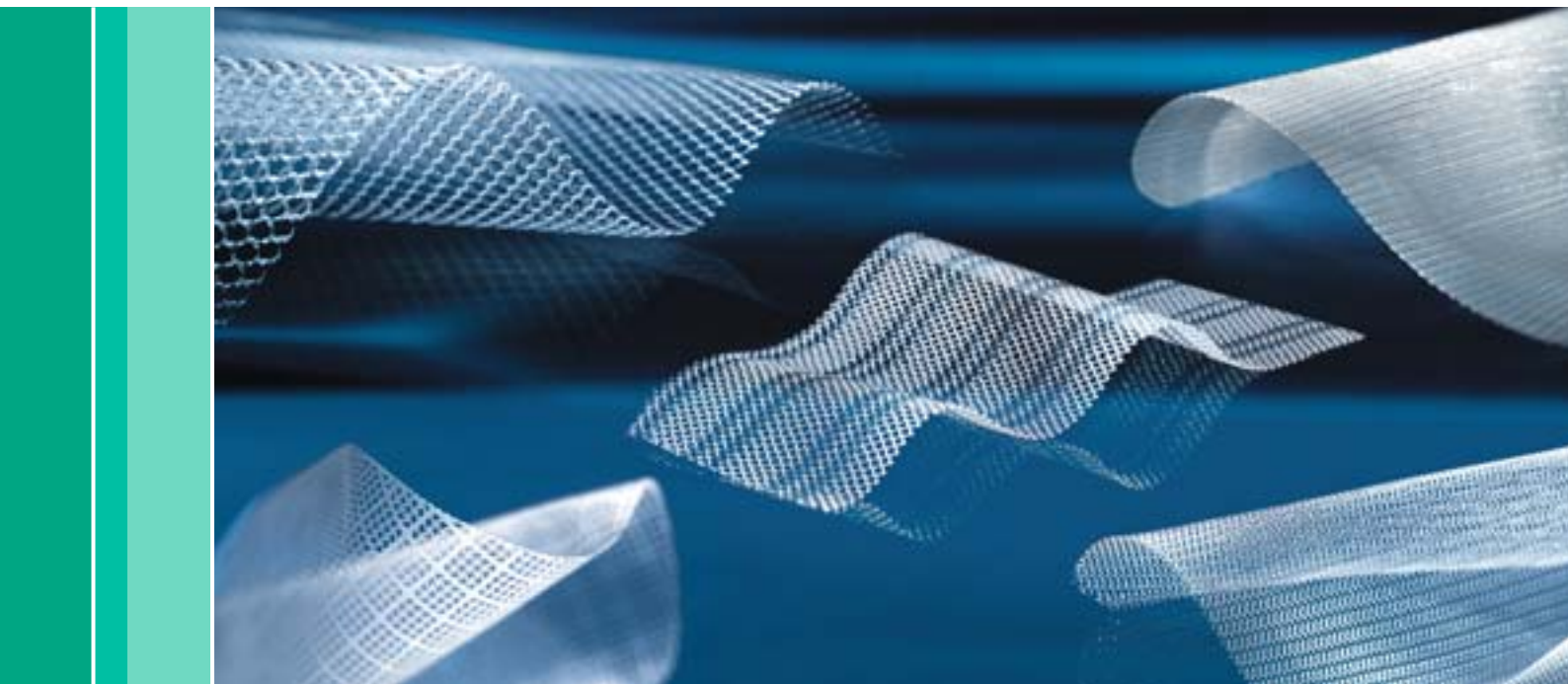


B. Braun Mesh Range

It's All about Prevention. Experts in Abdominal Wall Health

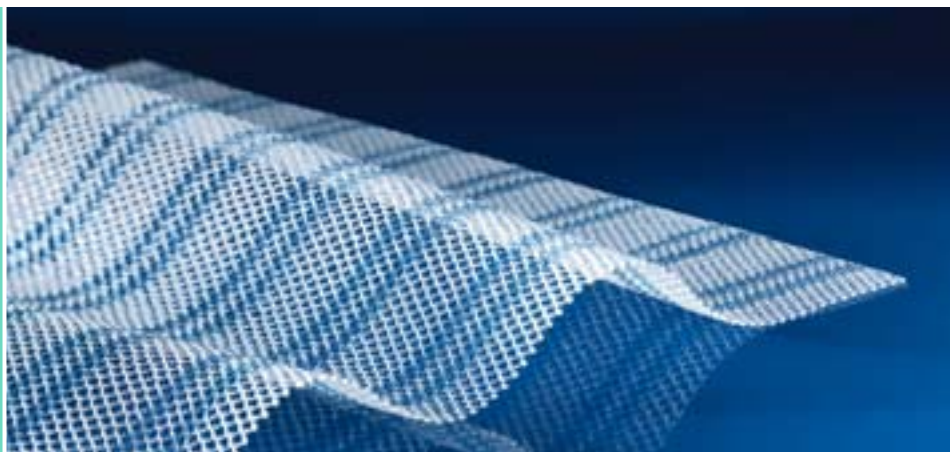


Hernia Repair

B. Braun Mesh Range

It's All about Prevention

Experts in Abdominal Wall Health



Welcome to B. Braun Closure Technologies.

We are specialists on manufacturing high quality surgical products with the most effective and advanced technologies.

At B. Braun we take our efforts towards physicians and patients very seriously. This is the reason why B. Braun is going a step forward and its concern is working not only on repairing the abdominal wall, but also ensuring its functionality and health for patients. We are highly committed to the scientific community to promote clinical evidence preventing complications in Abdominal wall surgery, therefore there is only one way to ensure this goal: do prevention.

Our meshes are made for the prevention of recurrences, prevention of pain, prevention of infections, prevention of adhesions in incisional hernias, among others.

Here, you are about to discover the new Hernia Product range. These products have been developed according to the most demanding needs in today's surgery. In the following pages we would like to show you the recommended products for the specific indications. You will find many advantages that our meshes offer for other indications too.

B. Braun is a healthcare company pleased to be a faithful partner for the medical community and the patients.



Because in life everybody knows, It's All about Prevention!

Universal Light Mesh Range for Open and Laparoscopic Approaches

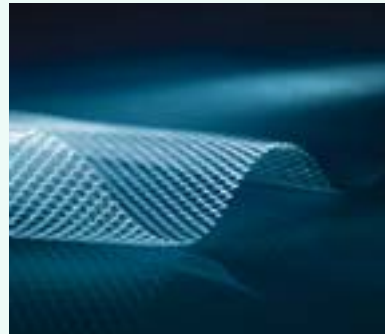
OPEN



Optilene® Mesh LP

Inguinal Hernia

Lichtenstein Technique



Optilene® Mesh Elastic

Incisional Hernia

Onlay / Sublay Techniques

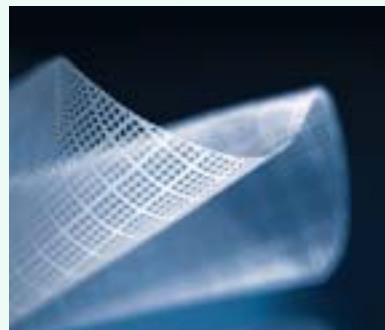
LAPAROSCOPIC



Optilene® Mesh

Inguinal Hernia

TAPP / TEP Techniques



Omyra® Mesh

Incisional Hernia

IPOM Technique

Inguinal Hernia

Prevention of Chronic Pain
Laparoscopic Hernia Repair

Optilene® Mesh

The Benefits

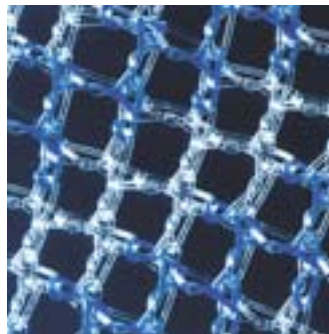
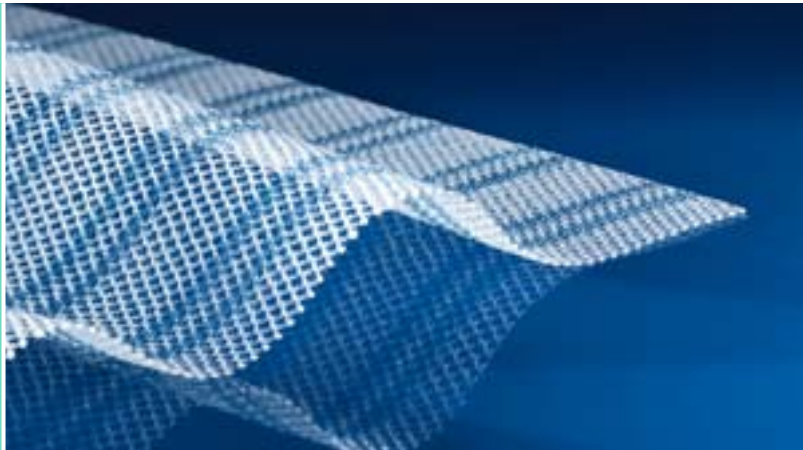
- **Universal light-weight**
Excellent handling lightweight mesh
- **Large pores**
For optimal healing and scar formation
- **Full transparency and blue guidelines**
For a well directed placement
- **Filament-reinforcement**
Structure with ideal spread characteristics
- **Homogeneous elasticity**
Adaptable to the patient's movements

Features

- **Monofilament Polypropylene**
- **Density: 60 g/m², Pore size: 1.5 mm**

Recommendation

- **Ideal for laparoscopic inguinal hernia repair (TAPP/TEP) and for all open techniques**



Inguinal Hernia

Prevention of Chronic Pain
Open Hernia Repair

Optilene® Mesh LP

The Benefits

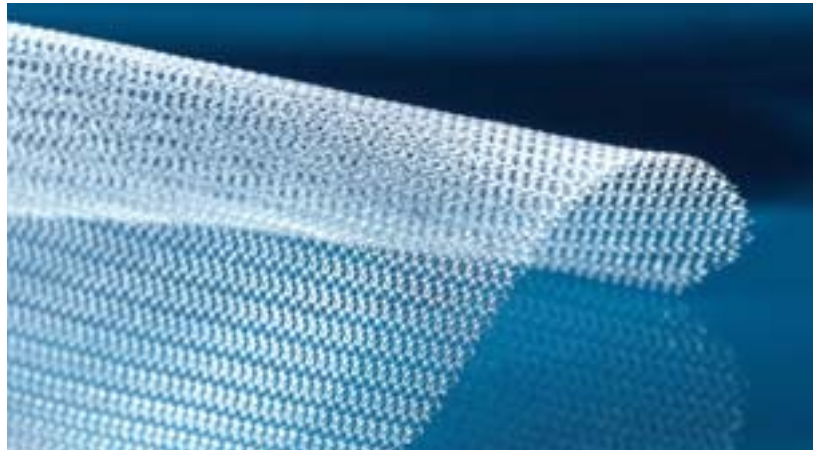
- **Super-light Polypropylene**
For surgeons who prefer to implant less foreign material
- **Soft, thin and comfortable**
Adaptable for the groin anatomy for less chronic pain
- **Full transparency**
To see the tissue below
- **Strong and secure**
Offering several times the strength of the abdominal wall

Features

- Monofilament Polypropylene
- Density: 36 g/m², Pore size: 1.0 mm

Recommendation

- Ideal for open inguinal hernia repair



Mesh fixation:

Premilene®

- Monofilament isotactic polypropylene
- Permanent tensile strength retention
- Smooth, ensuring minimal tissue drag
- Optimal elasticity and elongation for a stable and secure knot
- Best pliability for easy knot tying and comfortable continuous suturing

Mesh fixation:

MonoMax®

- Monofilament poly-4-hydroxybutyrate
- Long term absorption profile:
50 % strength at 90 days
- Best elasticity available, preventing wound dehiscence and incisional hernia
- Unique shock-absorption profile "Shock-Z"
- Optimal handling and excellent histocompatibility

Incisional Hernia

Prevention of bacterial growth and adhesions
Laparoscopic Hernia Repair

Omyra® Mesh

The Benefits

- **Condensed PTFE Technology**
Micro-machined condensed PTFE to prevent adhesions for intraperitoneal approach
- **CondensTech**
Uniform, non-fibrous monolayer to prevent bacterial growth and reduce infection risk
- **Star pores structures**
For seroma and hematoma prevention, enhanced biocompatibility and quick neo-peritoneum formation
- **Optimal handling**
Transparent and strong in a monolayer mesh

Features

- cPTFE
- Density: 0.9 g/cm², Pore size: 2.4 mm (Star shape)

Recommendation

- Ideal for incisional hernia repair with IPOM Technique

Mesh fixation:

Premilene®

- Monofilament isotactic polypropylene
- Permanent tensile strength retention
- Smooth, ensuring minimal tissue drag
- Optimal elasticity and elongation for a stable and secure knot
- Best pliability for easy knot tying and comfortable continuous suturing

Mesh fixation:

MonoMax®

- Monofilament poly-4-hydroxybutyrate
- Long term absorption profile: 50 % strength at 90 days
- Best elasticity available, preventing wound dehiscence and incisional hernia
- Unique shock-absorption profile "Shock-Z"
- Optimal handling and excellent histocompatibility

Incisional Hernia

Prevention of incisional hernia recurrence
Open Hernia Repair

Optilene® Mesh Elastic

The Benefits

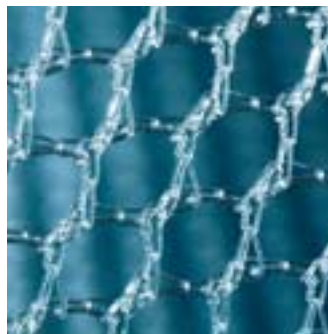
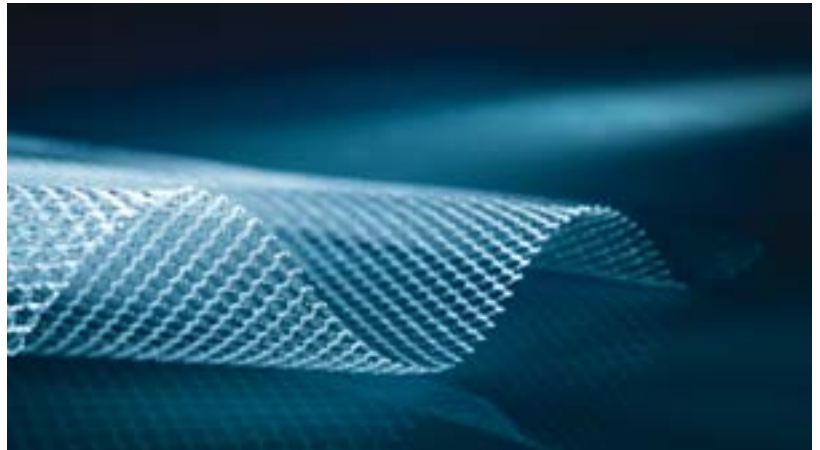
- Multidirectional Elasticity
for highest patient convenience
- Lightweight mesh
for a better healing response
- Large pores
for ideal scar formation and
physiology of abdominal wall

Features

- Monofilament Polypropylene
- Density: 48 g/m²,
Pore size: 3.6 x 2.8 mm

Recommendation

- Ideal for open incisional hernia repair



Mesh fixation:

Premilene®

- Monofilament isotactic polypropylene
- Permanent tensile strength retention
- Smooth, ensuring minimal tissue drag
- Optimal elasticity and elongation for a stable and secure knot
- Best pliability for easy knot tying and comfortable continuous suturing

Mesh fixation:

MonoMax®

- Monofilament poly-4-hydroxybutyrate
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50 % strength at 90 days
- Best elasticity available, preventing wound dehiscence and incisional hernia
- Unique shock-absorption profile "Shock-Z"
- Optimal handling and excellent histocompatibility

Inguinal Hernia

Prevention of Chronic Pain
Laparoscopic Hernia Repair

Optilene® Mesh

Product Range

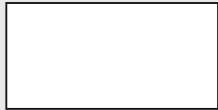
Article No.	Dimension	Box Units	Shape
1065020	5 x 10 cm	5 pieces	
1065030	7.5 x 15 cm	5 pieces	
1065040	10 x 15 cm	5 pieces	
1065060	26 x 36 cm	5 pieces	
1065080	15 x 15 cm	5 pieces	
1065090	30 x 30 cm	5 pieces	
1065140	4.5 x 10 cm	5 pieces	
1065150	6 x 14 cm	5 pieces	

Inguinal Hernia

Prevention of Chronic Pain
Open Hernia Repair

Optilene® Mesh LP

Product Range

Article No.	Dimension	Box Units	Shape
1064735	5 x 10 cm	5 pieces	
1064715	7.5 x 15 cm	5 pieces	
1064725	10 x 15 cm	5 pieces	
1064855	15 x 20 cm	5 pieces	
1064705	15 x 15 cm	5 pieces	
1064765	4.5 x 10 cm	5 pieces	
1064775	6 x 14 cm	5 pieces	

Premilene®

Article No.	Needle	Thread / Length	USP metric
C2090051	HR 37	75 cm	2/0
C2090052	HR 37	75 cm	0

MonoMax®

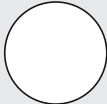
Article No.	Needle	Thread / Length	USP metric
B0041015	HR 37	70 cm	2/0
B0041024	HR 37	90 cm	0

Incisional Hernia

Prevention of bacterial growth and adhesions
Laparoscopic Hernia Repair

Omyra® Mesh

Product Range

Article No.	Dimension	Box Units	Shape
1061522	15 x 22 cm	1 piece	
1062636	26 x 36 cm	1 piece	
1062030	20 x 30 cm	1 piece	
1061115	11 x 15 cm	1 piece	
1061414	14 x 14 cm	1 piece	
1061515	15 x 15 cm	1 piece	
1061015	10 x 15 cm	1 piece	
1060611	6 x 11 cm	1 piece	
1060715	7,5 x 15 cm	1 piece	

Premilene®

Article No.	Needle	Thread / Length	USP metric
C2090052	HR 37	75 cm	0
C2090043	HR 26	75 cm	0
C2090053	HR 37	75 cm	1

MonoMax®

Article No.	Needle	Thread / Length	USP metric
B0041015	HR 37	70 cm	0
B0041035	HR 37s	70 cm	0
B0041036	HR 37s	70 cm	1

Suture Grasper

Article No.	Diameter	Thread / Length
PL162R	2.5 mm	17 cm

Incisional Hernia

Prevention of incisional hernia recurrence
Open Hernia Repair

Optilene® Mesh Elastic

Product Range

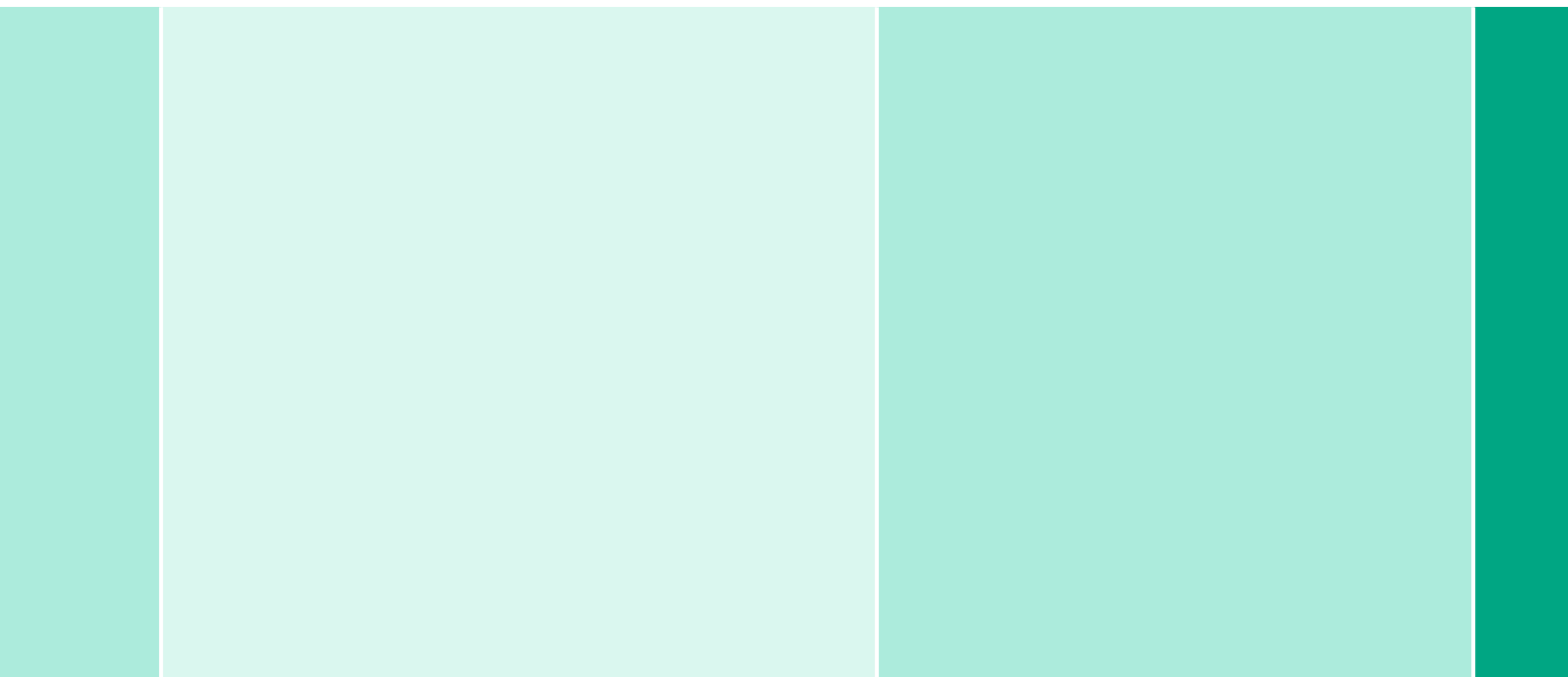
Article No.	Dimension	Box Units	Shape
1064900	30 x 30 cm	5 pieces	
1064910	15 x 15 cm	5 pieces	
1064940	20 x 30 cm	5 pieces	
1064920	10 x 15 cm	5 pieces	
1064930	7.5 x 15 cm	5 pieces	

Premilene®

Article No.	Needle	Thread / Length	USP metric
C2090052	HR 37	75 cm	0
C2090053	HR 37	75 cm	1
C2090152	HR 37s	75 cm	0
C2090153	HR 37s	75 cm	1

MonoMax®

Article No.	Needle	Thread / Length	USP metric
B0041024	HR 37	90 cm	0
B0041025	HR 37	90 cm	1
B0041035	HR 37s	70 cm	0
B0041036	HR 37s	70 cm	1



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