

### Polypropylene Mesh

The monofilament Polypropylene Mesh is bio-compatible, non-absorbable, sterile and porous material.

Fabric has soft design flexible, strong with permeable pore use in hernia repair as well as other soft tissue reinforcement. Ideal properties for high visibility & colonization. The weaving has ideal mesh properties. Sterilized by EtO. Paha® Polypropylene Mesh having properties of;

- **Uniformly Strong**

Strong and durable polypropylene mesh material maintains consistent of strength.

- **Transparent**

Transparent open pore structure in polypropylene mesh facilitate fast incorporation and visualization of underlying tissue structures.

- **Smooth**

In thickness and a low coefficient of friction over predicate polypropylene mesh devices improving ease of use and trocar deployment in laparoscopic procedures.

- **Structure**

Thin wall structure with less surgical mesh material for reducing scar tissue build up and minimizing patient discomfort.

- **Bio-compatible**

Surface area and void area reduction for improving healing and bio-compatibility. ISO 10993 Bio-compatibility results for Polypropylene Mesh are available to customers upon request.

- **Cutting**

Polypropylene Mesh re-sizing done by laser cutting technique due to its versatility and ability to seal the cut edges. Laser cutters can cut any shape and seal the edges while doing so. Sealed edges prevent shedding of cut loops at the fabric edges and do not generate debris in the cutting and post processes.

- **Sterility**

Polypropylene based products can be sterilized using steam autoclave and ethylene oxide (EtO). Polypropylene can not be sterilized using irradiation techniques, such as gamma or beta irradiation as the polymers will be significantly degraded.

- **Classification**

The polypropylene mesh is classified as Class II-b according to Medical Device Directives.

- **Product Technical information**

Material: monofilament polypropylene

Color: undyed

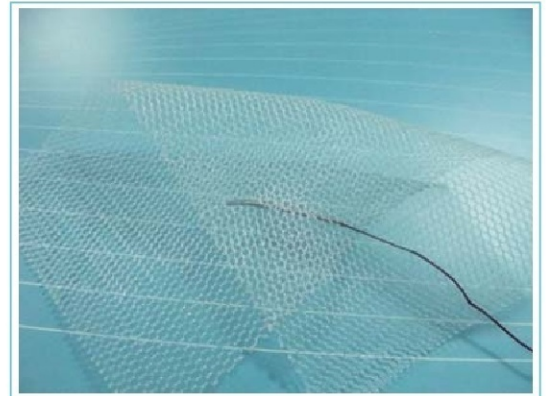
Elasticity: bidirectional













Thread diameter: 0,15mm

Porosity : 1,0 \* 1,3 mm

Sterilization: ethylene oxide (EtO)

Shelf life : 5 years



POLYPROPYLENE MESH RECTANGLE AND SQUARE SHAPES			
CODE	SIZE	INDICATION	SHAPE
P0220	2 cm * 20 cm	Prolapse	
P0520	5 cm * 20 cm	Prolapse	
P0510	5 cm * 10 cm	Open & Laparoscopic Hernia Repair	
P0611	6 cm * 11 cm	Open & Laparoscopic Hernia Repair	
P0614	6 cm * 14 cm	Open & Laparoscopic Hernia Repair	
P7515	7,5 cm * 15 cm	Open & Laparoscopic Hernia Repair	
<u>P0815</u>	<u>8 cm * 15 cm</u>	Open & Laparoscopic Hernia Repair	
P0914	9 cm * 14 cm	Open & Laparoscopic Hernia Repair	
P1010	10 cm * 10 cm	Open & Laparoscopic Hernia Repair	
P1013	10 cm * 13 cm	Open & Laparoscopic Hernia Repair	
<u>P1020</u>	<u>10 cm * 20 cm</u>	Open & Laparoscopic Hernia Repair	
<u>P1515</u>	<u>15 cm * 15 cm</u>	Open & Laparoscopic Hernia Repair	
<u>P1530</u>	<u>15 cm * 30 cm</u>	Open & Laparoscopic Hernia Repair	
P2020	20 cm * 20 cm	Open & Laparoscopic Hernia Repair	
P2030	20 cm * 30 cm	Open & Laparoscopic Hernia Repair	
P2525	25 cm * 25 cm	Open & Laparoscopic Hernia Repair	
P2535	25 cm * 35 cm	Open & Laparoscopic Hernia Repair	
<u>P3030</u>	<u>30 cm * 30 cm</u>	Open & Laparoscopic Hernia Repair	
P5050	50 CM*50 MTRS	POLYPROPYLENE MESH ROLL	
POLYPROPYLENE MESH PRE - CUT SHAPES			
CODE	SIZE	INDICATION	SHAPE
PP0505	5 cm * 5 cm	Indirect Inguinal Hernia	
PP0707	7 cm * 7 cm	Indirect Inguinal Hernia	
PP0505-H	5 cm * 5 cm	Indirect Inguinal Hernia	
PP0707-H	7 cm * 7 cm	Indirect Inguinal Hernia	
PP4510	4,5 cm * 10 cm	Open Inguinal Hernia	
PP0611	6 cm * 11 cm	Open Inguinal Hernia	
PP4510-H	4,5 cm * 10 cm	Open Inguinal Hernia	
PP0611-H	6 cm * 11 cm	Open Inguinal Hernia	
PP75125	7,5 cm * 12,5 cm	Rectum Surgery	
PP8515	8,5 cm * 15 cm	Rectum Surgery	
PP1515	15 cm * 15 cm	Hernia Repair	