

### 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

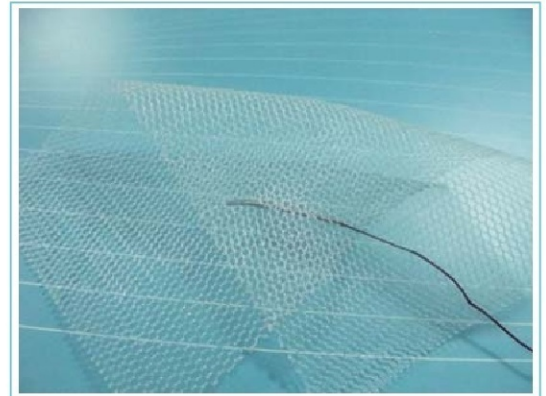
Elasticity: bidirectional









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		
P1020	10 cm * 20 cm	Open & Laparoscopic Hernia Repair		
P1515	15 cm * 15 cm	Open & Laparoscopic Hernia Repair		
P1530	15 cm * 30 cm	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		
P3030	30 cm * 30 cm	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		