

## PP MESH standard 50 g/m<sup>2</sup>

### Polypropylene mesh for surgical applications

PP MESH is a mesh made of a polypropylene monofilament i.e. of a nonabsorbable synthetic material considered as a physically and chemically inert and stable material; it is nontoxic and does not show an immunogenic activity.

#### INDICATIONS:

The structure of the PP MESH is optimally designed for permanent support, augmentation or complete replacement of aponeurotic structures of the abdominal wall (e.g. in the case of large ventral hernias) and it safely resists the pressures to which the abdominal wall is subjected.

The mesh is suitable for application in an "open" inguinal hernioplasty with a mesh (**Lichtenstein's operation**). It is recommended to observe the principles of Lichtenstein's operative technique – an appropriate extent of preparation, a sufficient mesh size ensuring an overlap of defect edges, a suitable type of mesh fixation. It is recommended that the fixation sutures penetrate the mesh at least 10 mm from the edge of the mesh.

### Sizes and catalogue codes:

PP MESH standard 50 g/m<sup>2</sup> – Polypropylene mesh for surgical applications

Size [mm]	Catalogue Code
60 x 110	091 - 0611
150 x 100	091 - 1510
150 x 150	091 - 1515
200 x 150	091 - 2015
300 x 150	091 - 3015
300 x 300	091 - 3030

- it is suitable for application in an "open" inguinal hernioplasty (Lichtenstein's operation)
- it is nonabsorbable
- the weight per unit area of 50 g/m<sup>2</sup> corresponds to the standard weight of polypropylene meshes
- **standard pore size** (pores are greater than 1.5 mm)
- **the elasticity** of the mesh is close to that of the abdominal wall
- **excellent handling** (the mesh can be cut to any shape)
- it is supplied in unit packaging
- sterilized by ethylene oxide
- expiration period is 3 years

## PP MESH light 40 g/m<sup>2</sup>

### Polypropylene mesh for surgical applications

PP MESH is a mesh made of a polypropylene monofilament i.e. of a nonabsorbable synthetic material considered as a physically and chemically inert and stable material; it is nontoxic and does not show an immunogenic activity.

#### INDICATIONS:

The structure of the PP MESH is optimally designed for permanent support, augmentation or complete replacement of aponeurotic structures of the abdominal wall (e.g. in the case of large ventral hernias) and it safely resists the pressures to which the abdominal wall is subjected.

The mesh is suitable for application in an "open" inguinal hernioplasty with a mesh (**Lichtenstein's operation**). It is recommended to observe the principles of Lichtenstein's operative technique – an appropriate extent of preparation, a sufficient mesh size ensuring an overlap of defect edges, a suitable type of mesh fixation. It is recommended that the fixation sutures penetrate the mesh at least 10 mm from the edge of the mesh.

### Sizes and catalogue codes:

PP MESH light 40 g/m<sup>2</sup> – Polypropylene mesh for surgical applications

Size [mm]	Catalogue Code
150 x 100	092 - 1510
200 x 150	092 - 2015
300 x 150	092 - 3015
300 x 300	092 - 3030

- it is suitable for application in an "open" inguinal hernioplasty (Lichtenstein's operation)
- it is nonabsorbable
- the weight per unit area of 40 g/m<sup>2</sup> corresponds to the lighter form of polypropylene meshes
- **standard pore size** (pores are greater than 0.8 mm)
- **the elasticity** of the mesh is close to that of the abdominal wall
- **excellent handling** (the mesh can be cut to any shape)
- **flexible and maximum lightweight** material
- it is supplied in unit packaging
- sterilized by ethylene oxide
- expiration period is 3 years

## PP MESH large pore

### Polypropylene mesh for surgical applications with large pores

PP MESH is a mesh made of a polypropylene monofilament i.e. of a nonabsorbable synthetic material considered as a physically and chemically inert and stable material; it is nontoxic and does not show an immunogenic activity.

#### INDICATIONS:

The structure of the PP MESH is optimally designed for permanent support, augmentation or complete replacement of aponeurotic structures of the abdominal wall (e.g. in the case of large ventral hernias) and it safely resists the pressures to which the abdominal wall is subjected.

- It is indicated for laparoscopic TEP and TAPP operations. A sufficient overlap at the edges of the fascial defect, a mesh placement without unnecessary warping and wrinkles, and an adequate attachment of the mesh are recommended.
- The mesh is suitable for application in an "open" inguinal hernioplasty with a mesh (**Lichtenstein's operation**). It is recommended to observe the principles of Lichtenstein's operative technique – an appropriate extent of preparation, a sufficient mesh size ensuring an overlap of defect edges, a suitable type of mesh fixation. It is recommended that the fixation sutures penetrate the mesh at least 10 mm from the edge of the mesh.

### Sizes and catalogue codes:

PP MESH large pore - Polypropylene mesh for surgical applications with large pores

Size [mm]	Catalogue Code
150 x 100	093 - 1510
200 x 150	093 - 2015
300 x 150	093 - 3015
300 x 300	093 - 3030

- **macroporous** (excellent biocompatibility, better tissue incorporation, low shrinkage effect)
- it is nonabsorbable
- **optimal elasticity** (reduces the incidence of chronic pain)
- **excellent handling** (easy to be cut to any shape, **excellent shape memory**)
- indicated for **open and laparoscopic** surgery
- for **TEP and TAPP** techniques
- **pre-peritoneal placement** (low recurrence)
- **a self-fixating mesh** (reduction of the operation costs on fixation)
- pore size 2,6 x 1,5 mm, weight 67 g/m<sup>2</sup>
- it is supplied in unit packaging
- sterilized by ethylene oxide, expiration period is 3 years

## PP MESH extra large pore

### Polypropylene mesh for surgical applications with extra large pores

PP MESH is a mesh made of a polypropylene monofilament i.e. of a nonabsorbable synthetic material considered as a physically and chemically inert and stable material; it is nontoxic and does not show an immunogenic activity.

#### INDICATIONS:

The structure of the PP MESH is optimally designed for permanent support, augmentation or complete replacement of aponeurotic structures of the abdominal wall (e.g. in the case of large ventral hernias) and it safely resists the pressures to which the abdominal wall is subjected.

- It is indicated for laparoscopic TEP and TAPP operations. A sufficient overlap at the edges of the fascial defect, a mesh placement without unnecessary warping and wrinkles, and an adequate attachment of the mesh are recommended.
- The mesh is suitable for application in an "open" inguinal hernioplasty with a mesh (**Lichtenstein's operation**). It is recommended to observe the principles of Lichtenstein's operative technique – an appropriate extent of preparation, a sufficient mesh size ensuring an overlap of defect edges, a suitable type of mesh fixation. It is recommended that the fixation sutures penetrate the mesh at least 10 mm from the edge of the mesh.

### Sizes and catalogue codes:

PP MESH extra large pore - Polypropylene mesh for surgical applications with extra large pores

Size [mm]	Catalogue Code
150 x 100	094 - 1510
200 x 150	094 - 2015
300 x 150	094 - 3015
300 x 300	094 - 3030

- **lightweight** (thinner monofilaments, less quantity of synthetic material in the human body)
- **macroporous** (excellent biocompatibility, better tissue incorporation, low shrinkage effect)
- it is nonabsorbable
- **optimal elasticity** (reduces the incidence of chronic pain)
- **excellent handling** (easy to be cut to any shape, excellent shape memory)
- indicated for **open and laparoscopic** surgery
- for **TEP and TAPP** techniques
- **pre-peritoneal placement** (low recurrence)
- pore size 3 x 2,8 mm, weight 47 g/m<sup>2</sup>
- it is supplied in unit packaging
- sterilized by ethylene oxide, expiration period is 3 years