

SNP Surgicals is a manufacturer and exporter of sterile and non sterile monofilament polypropylene mesh under the brand name **MONOLENE Mesh** used for hernia repair.

MONOLENE Mesh is made of non absorbable monofilament polypropylene using world class knitting machines in a class 10K clean room maintaining high quality standards. Every batch of mesh is tested for burst strength, elasticity & bio-compatibility. Our non absorbable monofilament polypropylene mesh is constructed of knitted filaments of extruded polypropylene. This material is reported to be non-reactive and retain its strength indefinitely. These Meshes are ultrasonically cleaned and packed in internationally acceptable standard EO sterile proof pouches. Further all edges of the mesh is laser sealed to avoid post surgical inconvenience. Our Mesh has excellent tissue integration and abdominal wall reinforcement. **MONOLENE Mesh** is an advanced polypropylene mesh with a smooth surface, composed of ultra pore knitting pattern, known for its biological inertness and high tensile strength. The Pore size of **MONOLENE Mesh** optimizes the mechanical attachment of fibrous tissue in growth. In addition, the knit structure chosen for **MONOLENE Mesh** has a significantly lower profile that makes the mesh more form able, easier to handle & ultimately more comfort to the patient. **MONOLENE Mesh** is thinner, smoother & easier to position than other high profile Polypropylene mesh products.

Material Specification.

Material: 100% non absorbable extruded monofilament polypropylene.
 Thickness: 0.3mm to 0.6mm
 Specific Gravity: 0.91
 Melting Point: 168 °C (230 °F)
 Maximum Temperature: Continuous use 110 °C (230 °F)
 Intermediate use: 135 °C (275 °F)
 Water Absorption: %0.01
 Porosity: 1.2mm to 2.5mm.
 Filament Diameter: 80 µm to 160 µm.
 Burst Strength: 12kg/cm² to 14kg/cm².
 Sterilization: EO Pass

Advantages.

Light Weight Construction: Less Foreign mass & flexible scar tissue.
 Ideal Porosity: Macro porous for high visibility & colonization.
 Customer specific packing. Peel Open Pouches.
 Flexible: Recovers to original shape for any anatomic placement.
 Resist Bacterial Colonization: Construction allows fluid flow – through.
 Long term stability: No Shrinkage.
 Pre Cut Sizes: Can be readily customized.
 Price: Economical.
 Delivery: Maximum lead time 3 to 4 weeks.
 Offer OEM.



Standard Sizes		
Product Code	Size	Packing
MM 611	6cm X 11cm	6 pieces / box
MM 715	7.6cm X 15cm	6 pieces / box
MM 115	10cm X 15cm	3 pieces / box
MM 151	15cm X 15cm	3 pieces / box
MM 303	30cm X 30cm	1 piece / box

Customer specific size, pattern & packing is also offered.



SNP SURGICALS

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