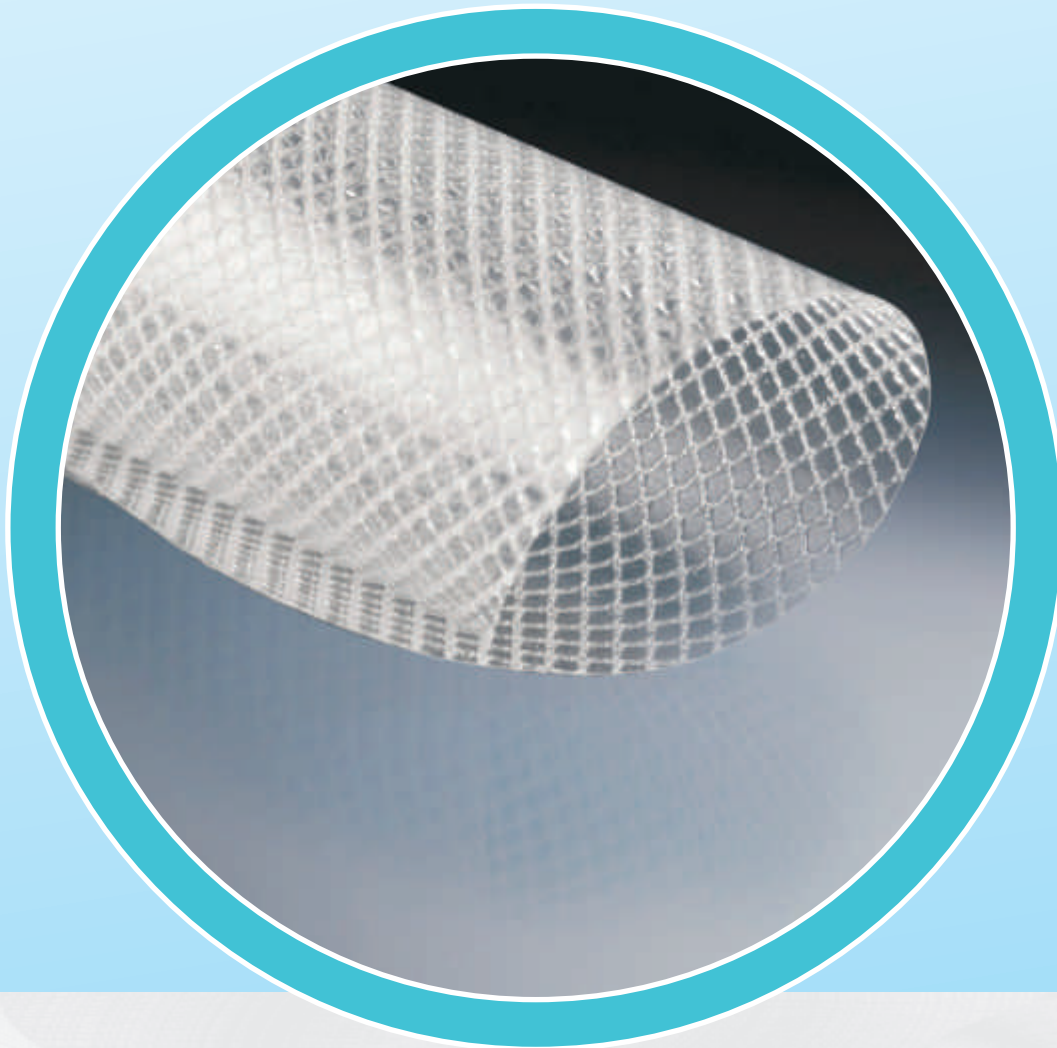
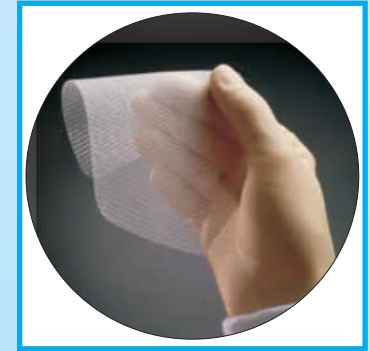
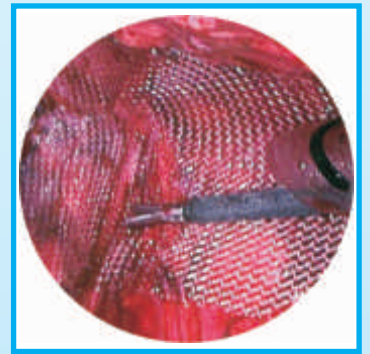


CHIROLENE MESH

Sterile and Non Sterile
Monofilament Polypropylene Clear Mesh



Non Absorbable Synthetic
Knotted Surgical Mesh

For Hernia Repair



CHIRAG MEDITECH PVT. LTD.

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Factory: No.28/1, 1st floor, 4th Main,
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ISO 9001:2008
CERTIFIED COMPANY

CHIRAG MEDITECH PVT. LTD is a manufacturer and exporter of sterile and non sterile monofilament polypropylene clear mesh under the brand name **CHIROLENE Mesh** used for hernia repair.

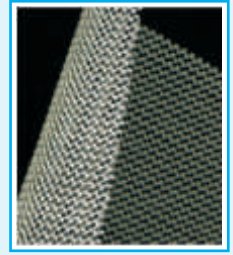
CHIROLENE Mesh is made of non absorbable monofilament polypropylene using world class machines in a class 10K clean room maintaining high quality standards. Every batch of mesh is tested for its quality.

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. **CHIROLENE 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 **CHIROLENE Mesh** optimizes the mechanical attachment of fibrous tissue in growth. In addition, the knit structure chosen for **CHIROLENE Mesh** has a significantly lower profile that makes the mesh more formable, easier to handle & ultimately more comfort to the patient. **CHIROLENE Mesh** is thinner, smoother & easier to position than other high profile Polypropylene mesh products.



Material Specification.

- ❖ Material: 100% non absorbable extruded monofilament polypropylene.
- ❖ Bio compatible: Approved for strong tissue Incorporation
- ❖ 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.
- ❖ Breaking strength > 200N/5cm (Cross direction) according to ISO 13934 - 1
- ❖ Breaking strength > 600N/5cm (Machine direction) according to ISO 13934 - 1
- ❖ Burst Strength: 12kg/cm² to 14kg/cm². according to ISO 13934 - 1
- ❖ Cytotoxicity according to ISO 10993 - 5
- ❖ Sensitization according to EN 30993 - 10
- ❖ Irritation according to EN 30993 - 10
- ❖ Genotoxicity according to ISO 10993 - 3
- ❖ 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: Immediate for standard sizes, Customized sizes - 2weeks.
- ❖ Offer OEM.

Standard Sizes			
Product Code	Size in cms	Size in inches	Packing
CM 0611	6 X 11	2.3 x 4.3	6 pieces / box
CM 7615	7.6 X 15	3 x 6	6 pieces / box
CM 1015	10 X 15	4 x 6	3 pieces / box
CM 1515	15 X 15	6 x 6	3 pieces / box
CM 3030	30 X 30	12 x 12	1 piece / box

Customer specific size, pattern & packing can be is also offered.

Manufactured by

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