

INSTRUCTIONS FOR USE

ARNILENE MESH

MONOFILAMENT POLYPROPYLENE MESH NON-ABSORBABLE STERILE SURGICAL MESH

DESCRIPTION:

ARNILENE MESH is constructed of knitted filaments of an isotactic crystalline stereoisomer of Polypropylene, a synthetic linear poly-olefin (C₃H₆)_n, identical in composition to that used in **ARNILENE** sutures. Available undyed in a variety of square and rectangular sizes, as well as in specially shaped pieces for any particular surgical procedure. The mesh is approximately 0.5mm thick.

ARNILENE MESH is knitted by a process which interlinks each fiber junction and provides for elasticity in both directions. This construction permits the mesh to be cut into any desired shape or size without unraveling. The fiber junctions are not subject to the same work – fatigue exhibited by more rigid metallic meshes. This bi-directional extendable properly allows adaptation to various stresses encountered in the body. This material, when used as sutures has been reported to be minimally reactive and to retain its strength for an indefinite period in clinical use. The mesh has high burst strength, approximately 12 kg/sq cm and good tear resistance.

INTENDED USE:

ARNILENE MESH may be used for the repair of hernia, utero-vaginal prolapse and other fascial deficiencies that require the addition of a reinforcing or bridging material to obtain the desired surgical result and be used in endoscopic procedures.

APPLICATION:

It is recommended that non-absorbable sutures or staples be placed 6.5 to 12.5mm apart at a distance approximately 6.5mm from the edge of the mesh. Some surgeons prefer to suture an uncut section of the mesh that is considered larger than the defect into position over the wound. The opposite sides are then sutured to assure proper closure under correct tension. When the margin sutures have all been placed, the extra mesh is trimmed away.

MECHANISM OF ACTION:

ARNILENE MESH elicits a minimal inflammatory reaction in tissues which is transient and followed by the deposition of a thin fibrous layer of tissue which can grow through the interstices of the mesh, thus incorporating the mesh into the adjacent tissue. The mesh is not absorbed nor it is subject to degradation or weakening by the action of tissue enzymes.

CONTRAINDICATIONS:

None known.

WARNINGS/PRECAUTIONS/INTERACTIONS

Users should be familiar with surgical procedures and techniques involving meshes before employing **ARNILENE MESH** for wound closure.

When this mesh is used in infants or children with future growth potential, the surgeon should be aware that this product will not stretch significantly as the patient grows.

Acceptable surgical practice should be followed for the management of infected or contaminated wounds. **ARNILENE MESH** in contaminated wounds should be used with the understanding that subsequent infection may require removal of the material.

Although **ARNILENE MESH** resists involvement in infection, the use of this mesh in a wound that is contaminated or infected could lead to fistula formation and or extrusion of the mesh. Minimum of 6.5mm of mesh should extend beyond the suture or staple line.

ADVERSE REACTIONS:

Adverse reactions associated with the use of this device include transitory local irritation at the wound site, and a transitory inflammatory foreign body responses. Like all foreign bodies, **ARNILENE MESH** may potentiate an existing infection.

STERILITY:

ARNILENE MESH is sterilized by Ethylene Oxide. Do not re-sterilize. Do not use if package is opened or damaged. Discard opened, unused mesh.

SUPPLY:

ARNILENE MESH is available in different thickness and in different dimensions. **ARNILENE MESH** can also be supplied to suit to the client's requirements of any particular shape also.

STORAGE:

Recommended storage conditions:

Below 30° C away from moisture and direct sunlight. Do not use after expiry.

DISPOSAL:

To be disposed as per user's country disposal regulations and Hospital/Clinic protocol.

Manufactured by:

 ARNI MEDICA PVT. LTD.














V Square, 4th floor, Plot No.50, Sai Nagar Colony, Madhapur, Hyderabad - 500 081.

+91 97367-39999 | care@arnimedica.com

www.arnimedica.com

Manufactured at:

No.15/1,2,3, Acharya Indl. Complex, Andrahalli Main Road, Vishwaneedam Post, Bangalore - 560091.

EXPLANATION OF SYMBOLS	
Symbol	Explanation
	Manufacturer
	Date of Manufacture
	Use-By Date
	Sterilization by Ethylene Oxide
	Do not re- use
	Do not re-sterilize
	Batch number
	Keep away from Sunlight
	Keep dry
	Warning
	Temperature Limit
	Do not use if package is damaged
	Read Instructions for use