

# TECHNICAL DATA SHEET



Welknit™ Composite Mesh  
Polyester & Polyurethane IPOM Mesh for Hernia repair

## Design:

- ⬡ **Hexagonal Mesh** → Knitted structure providing even load distribution and strength
- ✂ **Pre-cut Mesh for Hernia Repair** → Ready-to-use, time-saving
- ⊕ **Center Marking** → For easy mesh positioning with prefitted sutures
- **Designed to unroll** → For easy placement.

## Shape:

- Rectangular Hernia Mesh** – Standard cut for conventional repairs
- Square Hernia Mesh** – Balanced design for uniform reinforcement
- Circular Hernia Mesh** – Pre-shaped for umbilical/small defects
- ◆ **Customized Shape Mesh** – Tailored to surgeon/hospital needs

## Key Technical Properties:

- Multidirectional Mechanical Properties** → Reinforces tissue in all directions
- Tear Resistant Surgical Mesh** → Withstands intra-operative handling
- High Tensile Strength Mesh** → Ensures long-term durability
- Easy-to-Handle Structure** → Flexible, smooth

## Technical Specifications

Shape	Product Code	Size in cm (Width x Length)	Thickness (mm)	Weight (GSM)	Burst Strength
<input type="checkbox"/> Rectangle	QLMC 611	6x11	0.4 +/- 0.1	210 +/- 10%	NLT 6 Kg / sq.cm
	QLMC 715	7x15			
	QLMC 115	10x15			
	QLMC1520	15x20			
	QLMC2025	20x25			
	QLMC2030	20x30			
<input type="checkbox"/> Square	QLMC151	15x15			
	QLMC2020	20x20			
	QLMC2525	25x25			
	QLMC303	30x03			
<input type="radio"/> Circular	QLMC9	9			
	QLMC12	12			
	QLMC15	15			
	QLMC20	20			

Offered in standard dimensions from 6 cm to 30 cm, with 1 mm pore size, optimized thickness, and GSM; custom options are also available to meet diverse surgical needs.

**Sterility:** EO

**Packaging:** Unique & superior blister packing with box of 1 sterile unit

**Usage:** Single-use only