TECHNICAL DATA SHEET

Welknit™ Mesh

Knitted Polypropylene Mesh for Hernia repair

Design

Macroporous structure → Allows tissue ingrowth by promoting fibroplasia
Large-pore size → Minimize foreign body reaction
Smooth surface → ensuring reduced tissue trauma & post-operative pain
Laser-Cut Edges → Prevent unraveling/fraying of knitted filament
Multidirectional strength → Stable in all directions under physiological stress
Elastic nature → Adoptable for mesh movement
Arrow mark → Indicates direction for rolling the mesh into the trocar

Shapes

▭ **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

Technical Specifications

Type	Product Code	Size in cm (Width x Length)	Thickness (mm)	Weight (GSM)	Pore Size		Burst Strength
					Horizontal	Vertical	
Thick Mesh	QLM 0306	3 x 6	0.55 +/- 0.05	95 +/- 10%	1.02 mm	0.77 mm	NLT 6 Kg/ sq.cm
Mid Weight Mesh	QLM 611	6 x 11	0.45 +/- 0.05%	65 +/- 10%	1.03 mm	0.56 mm	
	QLM 715	7.6 x 15					
	QLM 115	10 x 15					
	QLM 1215	12 x 15					
	QLM 1217	12 x 17					
	QLM 1218	12 x 18					
	QLM 1219	12 x 19					
	QLM 151	15 x 15					
	QLM 1520	15 x 20					
	QLM 2025	20 x 25					
	QLM 303	30 x 30					
Ultra-light weight mesh	QUM 611	6 x 11	0.35 +/- 0.05%	27 +/- 10%	1.48 mm	2.41 mm	
	QUM 715	7.6 x 15					
	QUM 115	10 x 15					
	QUM 1218	12 x 18					
	QUM 151	15 x 15					
	QUM 1520	15 x 20					
	QUM 2025	20 x 25					
	QUM 303	30 x 30					

Offered in standard dimensions from 3 cm to 30 cm, optimized thickness, and GSM; surgeon customizable options are also available to meet diverse surgical needs.

Sterility: EO **Packaging**: Doble packed with box of 1 sterile unit **Usage**: Single-use only