

Meril

Endo-Surgery



Every Hernia Repair is different,  
**Your mesh should be different too.**

M-HRS  
Meril Hernia Repair Solutions

## Challenges with Polypropylene Mesh

### **Hydrophobic material**

- More contraction
- More shrinkage in long term

**High risk of recurrence**

**Paraesthesia & poor contour with body structure**

**More seroma formation**

**Stiffness & compromised elasticity**

**Stronger pain fits**

**Lead to Poor Patient Compliance**

# MERICRON 3D™ MESH

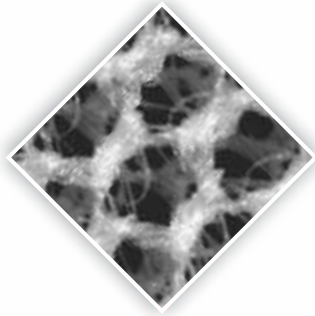
Polyester 3D Mesh

## Advanced Architecture Faster Tissue Ingrowth



## 3D Honeycomb Knitted Structure

- ▶ Excellent multidirectional elasticity
- ▶ Soft edges – reduce post-operative pain
- ▶ Improved patient compliance



## Macroporous Hydrophilic Material

- ▶ Contours well with the body structure
- ▶ Faster tissue ingrowth & colonization
- ▶ Lesser tendency to stick to the fat

## Superior Flexibility

- ▶ Soft and easy to handle
- ▶ Ease of mesh placement and flexible manipulation
- ▶ Shape memory for use via laparoscopic or open surgery

## Designed with Patient Comfort in mind

- ▶ Less long term shrinkage & contracture
- ▶ Less long term pain
- ▶ Lesser seroma formation

<b>Structure</b>	Tridimensional “honeycomb” knitted structure
<b>Colour</b>	White
<b>Chemical Composition</b>	Polyester multi-filament
<b>Pore Size</b>	1.59 mm x 1.41 mm
<b>Weight</b>	120 gsm
<b>Thickness</b>	1.14 mm
<b>Burst Strength</b>	47.1 N/cm <sup>2</sup>
<b>Type of Absorption</b>	Non-absorbable
<b>Sterilization</b>	Ethylene oxide

<b>Product Code</b>	<b>Description</b>	<b>Available Sizes</b>
PEM3D611	Mericon 3D Mesh	6 cm x 11 cm
PEM3D715	Mericon 3D Mesh	7.6 cm x 15 cm
PEM3D1015	Mericon 3D Mesh	10 cm x 15 cm
PEM3D1215	Mericon 3D Mesh	12 cm x 15 cm
PEM3D1515	Mericon 3D Mesh	15 cm x 15 cm
PEM3D3030	Mericon 3D Mesh	30 cm x 30 cm

**Available in 12 cm x 15 cm size**

- Eliminates need for mesh trimming
- Reduces operating time

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