

Duramesh™ Suturable Mesh

# INTRODUCTION

## The Best of Both Worlds

**DURAMESH™** Suturable Mesh combines the desirable principles of a mesh repair with the placement precision of a suture.

**DURAMESH's** attached needle allows Targeted Mesh Placement (TMP), placing the mesh right where you need it.

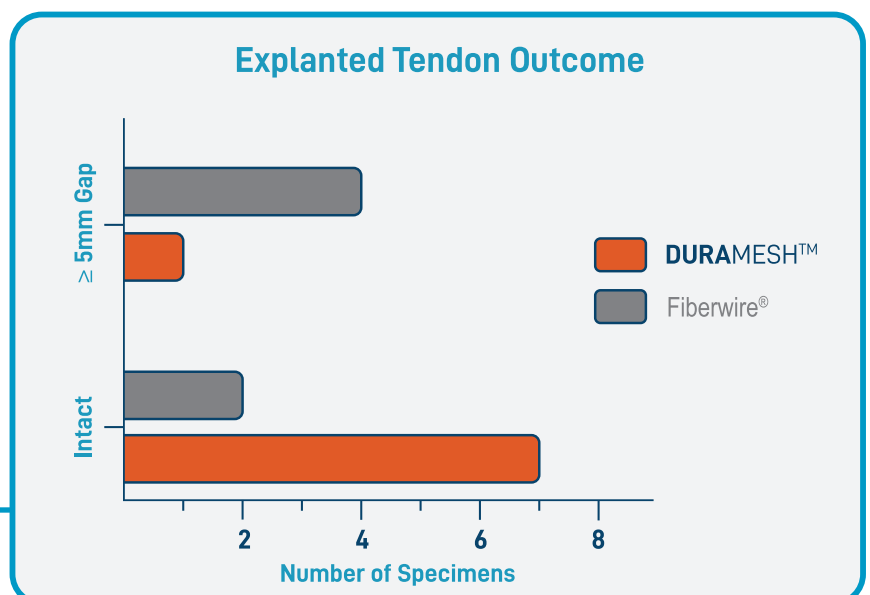


**DURAMESH's** macroporous hollow design allows fibrovascular ingrowth for implant incorporation.

## A Stronger, Earlier Repair

**DURAMESH's** novel mesh body revealed less gap formation and more intact repairs in comparison to conventional sutures in an in- vivo rabbit tendon model.<sup>2</sup>

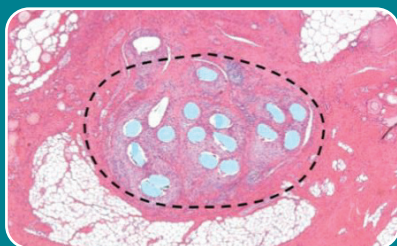
The repairs with **DURAMESH™** were twice as strong as standard suture at two weeks.<sup>2</sup>



## BIOCOMPATIBILITY - FIBROVASCULAR INGROWTH

### H and E Stains Performed at 13 Weeks after Porcine Abdominal Wall Closure

DURAMESH elicits a larger zone of biocompatible scar formation than a monofilament suture



DURAMESH™ 1



DURAMESH™ 0



USP 1  
Monofilament  
Suture

All slides are magnified to the same scale

DURAMESH's open-walled, hollow core design allows fibrovascular ingrowth into the device during healing.<sup>1</sup>

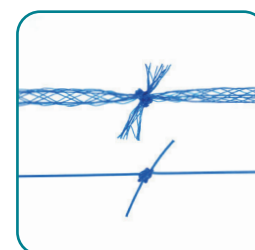
Fibrous incorporation of its fine filaments occurs without capsule formation, leading to fewer loose sutures and numerically fewer hernias as compared to a standard suture in a porcine laparotomy model.<sup>1</sup>

### Easy to Handle, Use, & Tie

DURAMESH's handling and use are equivalent to those of a standard suture, requiring minimal to no training.

DURAMESH's novel design allows it to collapse when tied, resulting in a low profile knot.

#### Two Square Knots



DURAMESH™ 0  
vs  
0 Monofilament

## ESSENTIAL PRODUCT INFORMATION

### INTENDED PURPOSE

DURAMESH™ is a permanent implant intended for single use by surgeons for the purpose of approximating soft tissues such as muscle, tendons, ligaments, and fascia with the exception of epithelial tissues such as skin, bowel, viscera and bladder mucosa. DURAMESH™ is not to be used in the closure of skin and other epithelial tissues, in the treatment of pelvic organ prolapse and stress urethral incontinence, as a dural substitute in intracranial or spinal surgery, in the closure of infected or dirty CDC Class IV wounds, or when an allergy to polypropylene is present. DURAMESH™ is not designed to be removed.

### INDICATIONS

DURAMESH™ Suturable Mesh is indicated for general soft tissue approximation and/or ligation, excluding use in skin and other epithelial tissues.

### CONTRAINDICATIONS











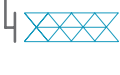



DURAMESH™ is contraindicated for use in skin and other epithelial tissues.

DURAMESH™ is contraindicated for use in the treatment of pelvic organ prolapse.

DURAMESH™ is contraindicated for use in the treatment of stress urethral incontinence. DURAMESH™ is contraindicated for use in intracranial surgery or spinal surgery as a dural substitute. DURAMESH™ is contraindicated for use if there is a sensitivity or allergy to polypropylene.

# DURAMESH™ PRODUCT CATALOGUE

Non-Absorbable Polypropylene Suturable Mesh / Taperpoint © / Color: Blue / Length: 36" (91cm)

REF Code	Description	Mesh Diameter <sup>A</sup>	Needle	USP Size <sup>C</sup> (Metric)	Potential Use Cases <sup>D</sup>
<b>MSP100-5</b>	<b>DURAMESH™ 2-0</b> Small Needle 5-Pack	<b>1.5mm</b> 	 <b>DR20<sup>B</sup></b> 3/8c 20mm	<b>2-0</b> (3 Metric)	Tendon Repair Ligament Repair Joint Capsule Repair Breast Shaping
<b>MSP200-5</b>	<b>DURAMESH™ 0</b> Small Needle 5-Pack	<b>2.6mm</b> 	 <b>HR22<sup>B</sup></b> 1/2c 22mm	<b>0</b> (3.5 Metric)	Laparotomy Closure / Mesh Augmentation Umbilical Hernia Repair Hiatal Hernia Repair Inguinal Hernia Repair Rectus Diastasis Repair Robotic & Laparoscopic Surgery Trocar Site Closure Breast Shaping Rotator Cuff Repair
<b>MSP201-5</b>	<b>DURAMESH™ 0</b> Large Needle 5-Pack	<b>2.6mm</b> 	 <b>HR48</b> 1/2c 48mm	<b>0</b> (3.5 Metric)	Laparotomy Closure / Mesh Augmentation Open Incisional & Ventral Hernia Repair TRAM Donor Site Closure Breast Shaping Achilles Tendon Repair
<b>MSP300-5</b>	<b>DURAMESH™ 1</b> Small Needle 5-Pack	<b>3.9mm</b> 	 <b>HR26<sup>B</sup></b> 1/2c 26mm	<b>1</b> (4 Metric)	Laparotomy Closure / Mesh Augmentation Umbilical Hernia Repair Hiatal Hernia Repair Inguinal Hernia Repair Rectus Diastasis Repair Robotic & Laparoscopic Surgery Rotator Cuff Repair
<b>MSP301-5</b>	<b>DURAMESH™ 1</b> Large Needle 5-Pack	<b>3.9mm</b> 	 <b>HR48</b> 1/2c 48mm	<b>1</b> (4 Metric)	Laparotomy Closure / Mesh Augmentation Open Incisional & Ventral Hernia Repair TRAM Donor Site Closure Flap Reconstruction Achilles Tendon Repair
<b>MSP500-5</b>	<b>DURAMESH™ 2</b> Small Needle 5-Pack	<b>4.1mm</b> 	 <b>HR26<sup>B</sup></b> 1/2c 26mm	<b>2</b> (5 Metric)	Flank Hernia Repair Major Orthopedic Reconstruction
<b>MSP501-5</b>	<b>DURAMESH™ 2</b> Large Needle 5-Pack	<b>4.1mm</b> 	 <b>HR50</b> 1/2c 50mm	<b>2</b> (5 Metric)	Flank Hernia Repair Major Orthopedic Reconstruction

A: Graphic is Not Representative of Filament Size or Pore Size  
B: Fits in an 8mm Trocar

C: Does not meet USP for Diameter  
D: Duramesh is indicated for general soft tissue approximation and/or ligation. Consult IFU before use.