CLOSE WITH Confidence

Duramesh redefines the standard for closure. Its innovative large-pore mesh design leverages force distribution and tissue integration, providing a durable and reliable solution for surgical repairs.

Strong from the Start

The mesh filament structure distributes tension evenly at the suture-tissue interface and along the incision line, much like the small bites technique, thus reducing the risk of cheesewiring and tissue trauma.



USP 1 Monofilament Suture

Mesh Suture

Durable Over Time

The large pores stay open, even under tension, to allow rapid tissue incorporation of the mesh structure, thus minimizing migration for a stronger, more integrated repair.^{4,5}



Simple Surgical Technique

A full range of suture sizes and needles ensures surgeons can continue using familiar methods in both running and interrupted fashion.⁵

DURAMESH[™] is the first and only closure device that facilitates tissue approximation and incorporation to help surgeons close with confidence.

Demo Duramesh Today!



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A: Graphical representation only; not representative of filament size or pore size B: Fits in an 8mm trocar C: Does not meet USP for diameter. DURAMESH[™] is a trademark of Mesh Suture Inc. | © 2024, Mesh Suture, Inc.

DURAMESH by MSi

non-absorbable polypropylene mesh suture





Rethink Closure

While surgical technology has evolved rapidly, sutures have remained unchanged.

Under tension, sutures can cheesewire through tissues, leading to serious complications, significantly impacting patient outcomes and healthcare costs.

COMPLICATIONS



	Recurring Herni
¢	Dehiscence
$\mathbf{>}$	Evisceration

Incisional Hernia

Tendon Rupture

DID YOU KNOW?



22%¹ to 52%²

of patients develop incisional hernias within 1 to 3 years post-op

63%³



of hernia repairs fail within 10 years when using traditional sutures

Difference

Low Early Complication Rates

Duramesh demonstrates lower early complication rates compared to similar case series in the literature.⁸





Broad Surgical Application

Duramesh can be used across a wide variety of cases where sutures commonly fail and meshes lead to complications.⁸

Measuring Performance Against Standard Sutures

100% more resistance to pull-through^{7*}

9X more surface area⁵

75% more tensile elasticity⁶

2x_{stronge}

PROPRIETARY MACROPOROUS

STRUCTURE

repair at day 84

*When compared to a standard suture in a human finger tendon model

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