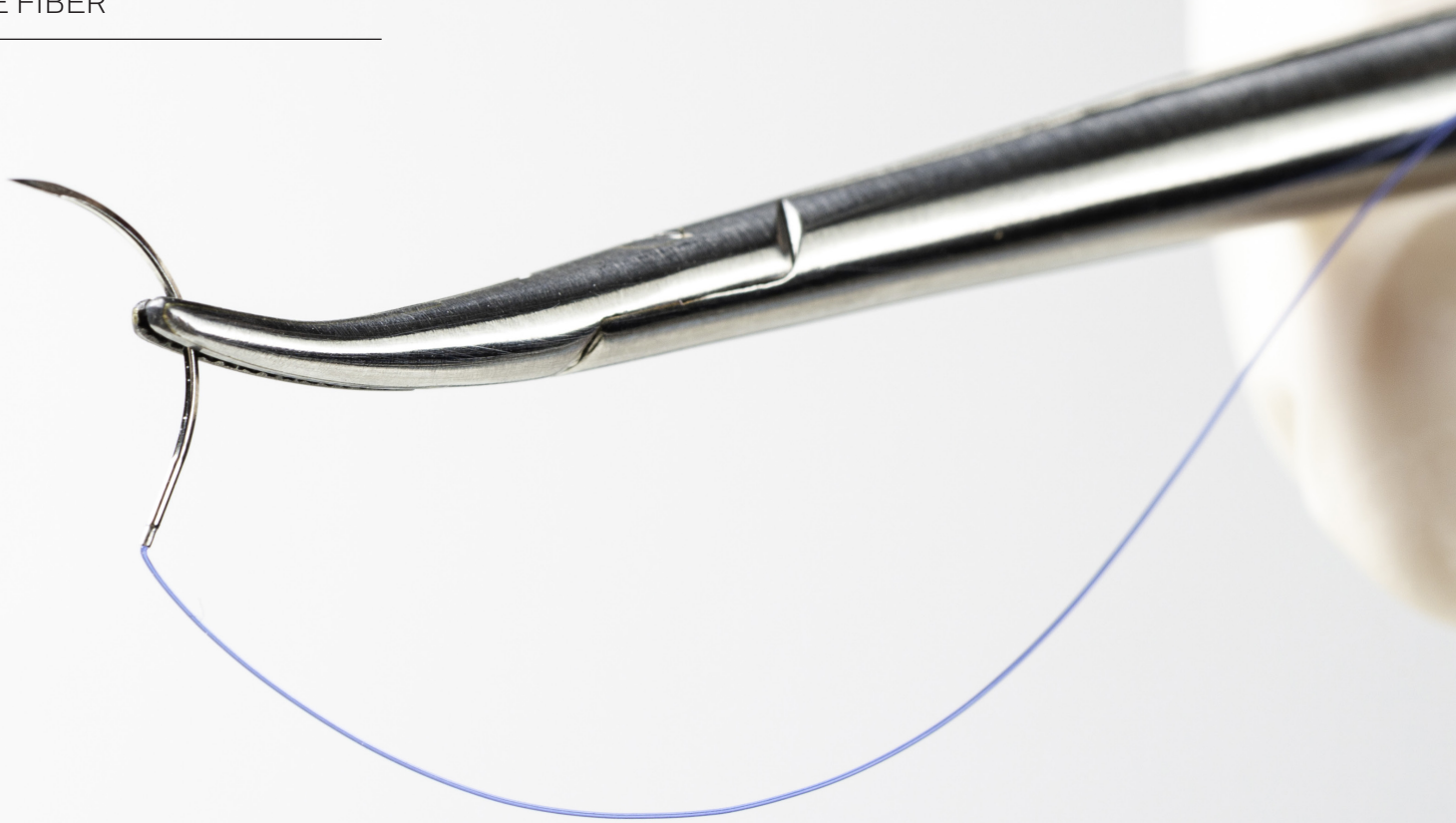


ULTRA STRONG. **ULTRA LIGHT.** **NOW IN BLUE.**

SPECTRA® MG BIO
BLUE FIBER



Honeywell

ALL THE BENEFITS OF SPECTRA MG BIO, NOW IN BLUE.

When it comes to blue ultra high molecular weight polyethylene fibers, you have choices. Our ultra-high-strength, ultra-lightweight – and now all-blue – Spectra MG Bio Blue fiber helps healthcare professionals operate more accurately and efficiently, promoting greater patient comfort and safety.



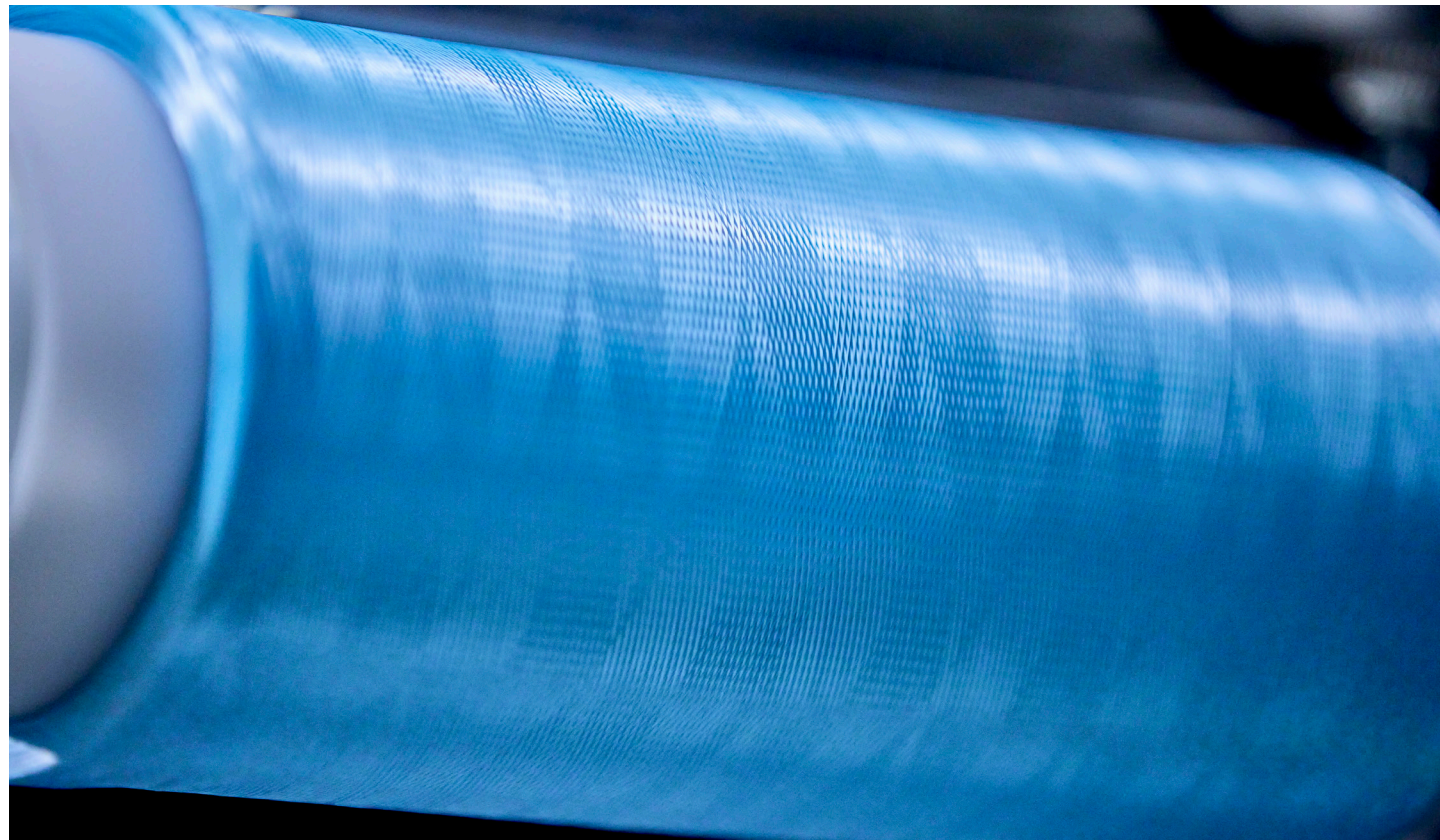
STRONGER AND THINNER.

Stronger and thinner than other suture materials, the blue-hued ultra-high molecular weight polyethylene (UHMWPE) fiber can be used in sutures for in-tendon and muscle repairs as well as in implantable applications such as orthopedic, orthopedic spine, endovascular, neurovascular and cardiovascular procedures.



FLEXIBLE AND DURABLE.

Spectra MG Bio fiber is engineered to provide excellent flex and superior resistance to chemicals, fatigue and abrasion compared to other conventional fibers. These properties make it an optimal solution for sutures that conform to the bone as well as minimally invasive surgeries.



ALL NEW. ALL BLUE.

MORE CONTRAST FOR BETTER VISIBILITY.

Honeywell's Spectra MG Bio Blue fiber is a critical tool for suture management. The blue UHMWPE fiber can be used alone or combined with Spectra MG Bio (white) to create greater visual contrast with surrounding blood and tissue. Colors and patterns allow surgeons to better differentiate between multiple suture sets in more complex surgical procedures.

A SUPERIOR FIBER.

Spectra MG Bio Blue fiber is 100% UHMWPE. This results in a stronger option than colored nylon or polyester. In addition, our blue fiber is more lightweight and causes lower irritation to the patient compared to blue polyester and nylon alternatives.

BIOCOMPATIBLE AND MANUFACTURED IN ACCORDANCE TO ISO 13485.

As a high-quality raw material, Spectra MG Bio Blue fiber has been rigorously tested to meet industry standards and help mitigate risks. This enables faster regulatory approval of your end product, helping reduce your time and costs.

FULL TRACEABILITY.

Manufactured in the U.S., Spectra MG Bio Blue fiber provides genuine and accurate traceability information to help meet FDA guidelines for medical devices – allowing you to design with confidence.

SUPPLY CHAIN SECURITY.

When raw materials become difficult to acquire, it's crucial to have more than one supplier to avoid supply shortages and shipping delays. With the introduction of blue Spectra MG Bio fiber, Honeywell gives you options.

INTEGRATED COLOR.

Spectra MG Bio Blue fiber is solution-dyed, allowing the color to be completely integrated into the fiber.



CUSTOM-ENGINEERED SUPPORT.

By collaborating with and supplying directly to OEM's, contract manufactures and medical device companies, Honeywell offers more tailored customer support to device manufacturers aiming to advance their equipment designs with colored-fiber compatibility. We have the flexibility to develop:

- Optimized manufacturing processes for UHMWPE fibers in medical applications
- Braided and woven UHMWPE fiber prototypes for customer evaluation
- Fiber testing strategies to address specific technical inquiries and applicable regulatory requirements

SPECTRA MG BIO BLUE PRODUCT PROPERTIES

PRODUCT	DENIER	DECITEX	FILAMENT (DPF)	TENACITY (G/DEN)	BREAKING STRENGTH (IBS)	MODULUS (G/DEN)	ELONGATION (%)	EPM	TWIST	CYTOTOXICITY
Spectra MG10 BIO Blue	100	110	2.5	40.5	9.0	1580	2.9	23	No	Pass
Spectra MG13 BIO Blue	130	144	3.3	38.0	11.1	1390	3.2	23	No	Pass

REQUEST A SAMPLE OF SPECTRA MG BIO BLUE FIBER TODAY.

LIFSCIENCES.HONEYWELL.COM

For more information

lifesciences.honeywell.com/us/en/applications/medical-devices

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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell