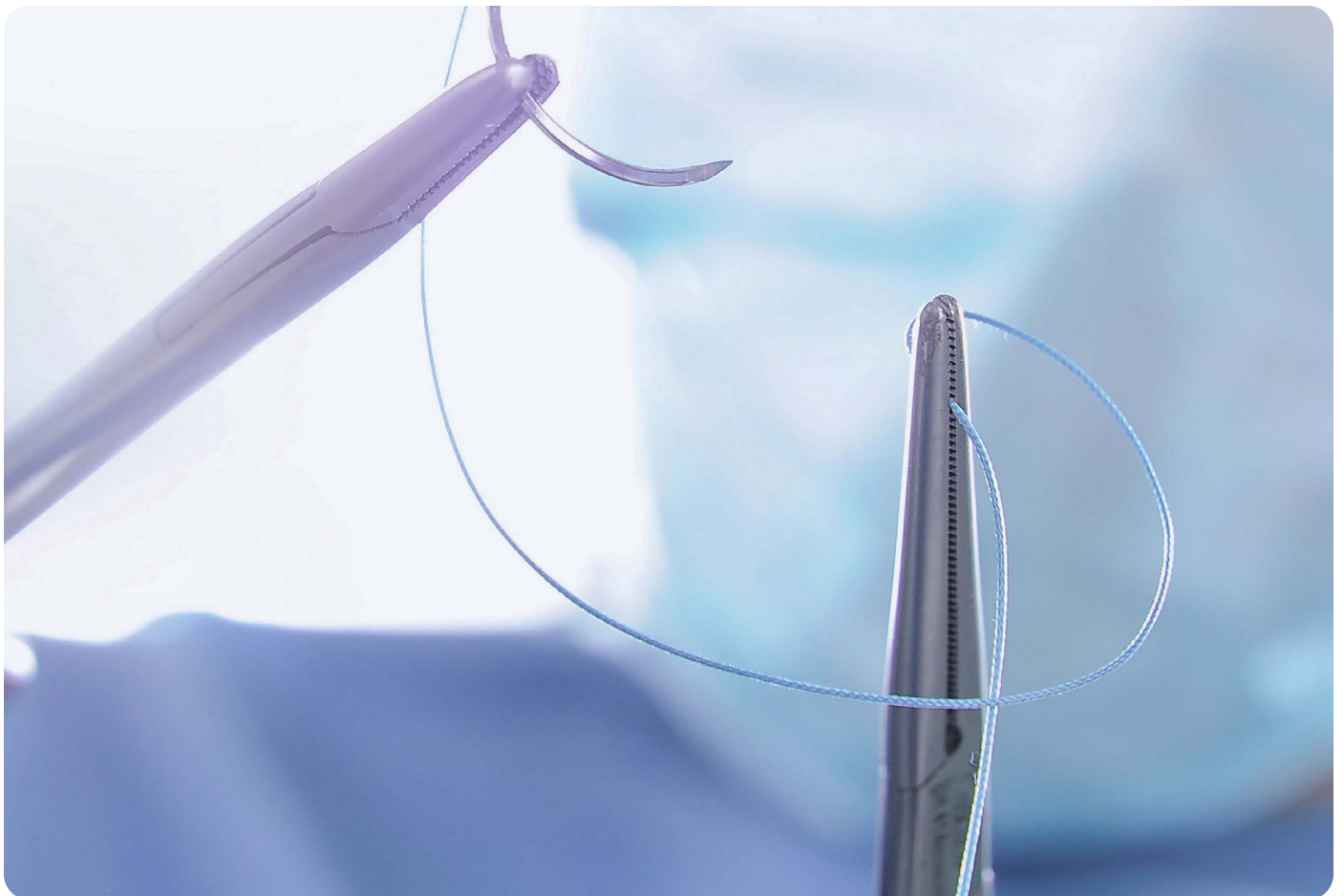




SPECTRA[®] BIO BLUE FIBER

Ultra strong. Ultra light. Now in blue.



ALL THE BENEFITS OF SPECTRA BIO, NOW IN BLUE.

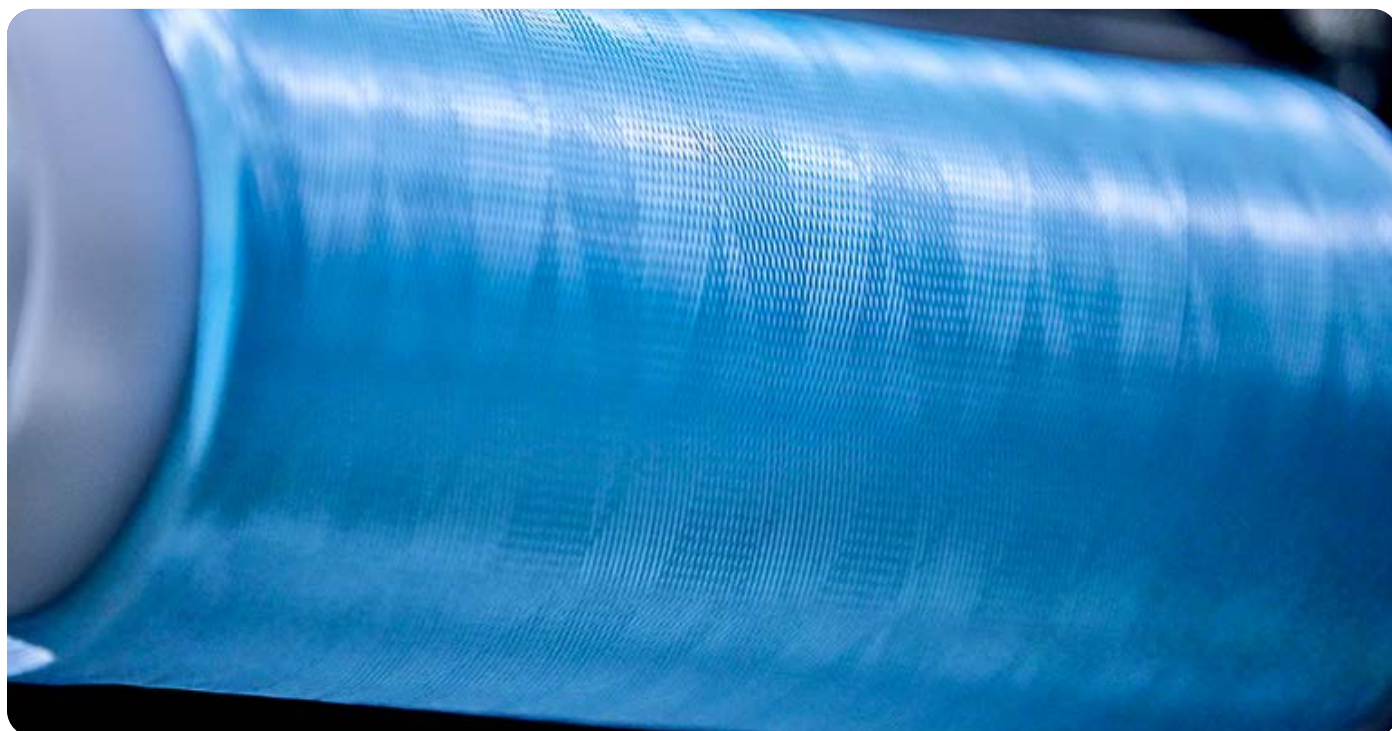
When it comes to blue ultra high molecular weight polyethylene fibers, you have choices. Our ultra-high-strength, ultra-lightweight — and now all-blue — Spectra Bio Blue fiber helps healthcare professionals operate more accurately and efficiently, promoting greater patient comfort and safety.

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 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.

Solstice's Spectra Bio Blue fiber is a critical tool for suture management. The blue UHMWPE fiber can be used alone or combined with Spectra 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 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.

Spectra 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.

FULL TRACEABILITY.

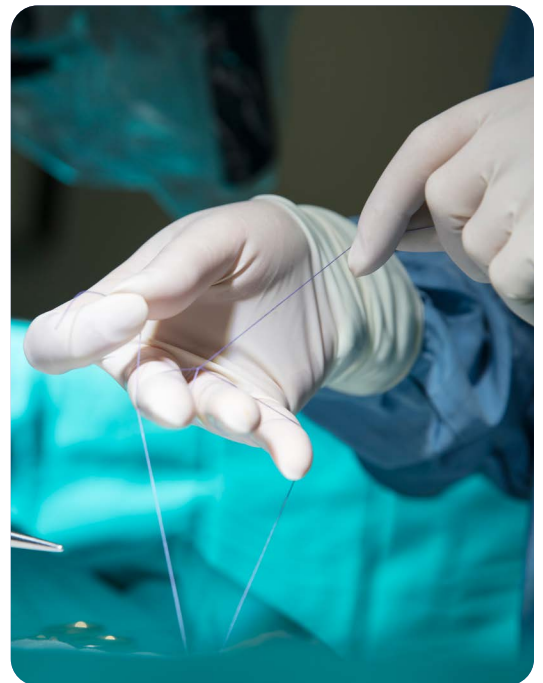
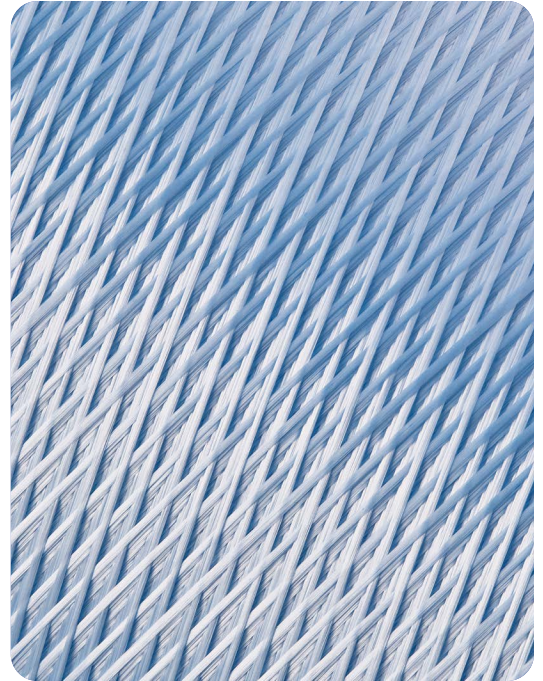
Manufactured in the U.S., Spectra Bio Blue fiber provides genuine and accurate traceability information to help meet FDA guidelines for medical devices — allowing you to design with confidence.

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 Bio fiber, Solstice gives you options.

INTEGRATED COLOR.

Spectra 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, Solstice 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 BIO BLUE PRODUCT PROPERTIES

PRODUCT	DENIER	DECITEX	FILAMENT (DPF)	TENACITY (G/DEN)	BREAKING STRENGTH (LBS)	MODULUS (G/DEN)	ELONGATION (%)	EPM	TWIST	CYTOTOXICITY
Spectra UF50 BIO Blue	50	55	1.3	47.0	5.5	1700	3	N/A	1	Pass
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
Spectra MG21 BIO Blue	215	239	3.6	38.0	18.0	1320	2.9	17	No	Pass

REQUEST A SAMPLE OF SPECTRA BIO BLUE FIBER TODAY.
LIFESCIENCES.SOLSTICE.COM



For More Information Visit
solstice.com
Solstice Advanced Materials Inc.
115 Tabor Rd. | Morris Plains, NJ 07950

