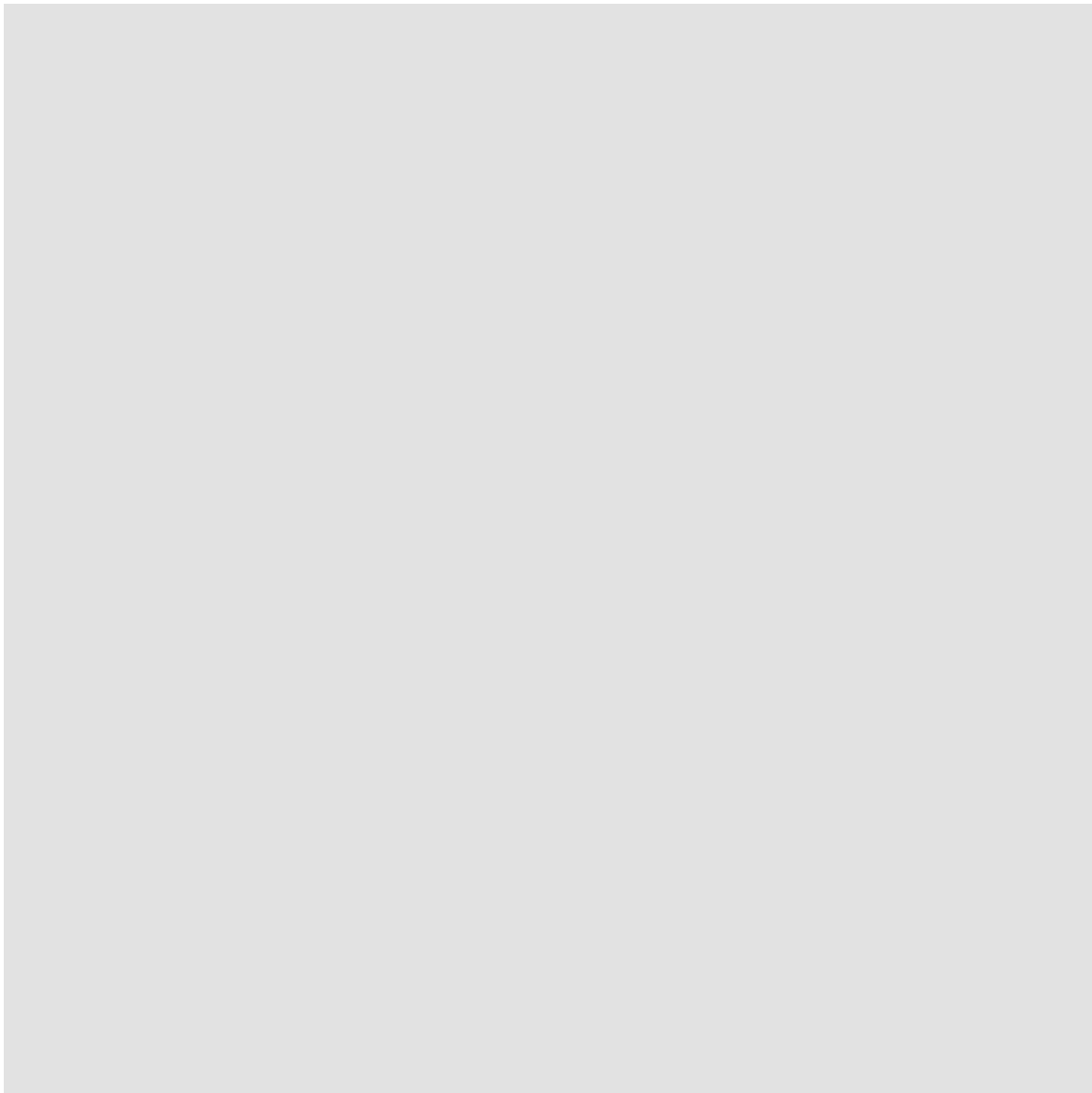




Honeywell Introduces New Blue Spectra[®] Medical Grade Bio Fiber Designed To Improve Visual Contrast Within Critical Surgical Procedures

New colored fiber technology from Honeywell supports enhanced accuracy and safety during medical operations

MORRIS PLAINS, N.J., April 12, 2022 – Honeywell today announced the expansion of its [Spectra[®] Medical Grade \(MG\) Bio fiber](#) portfolio with a blue-hued fiber that provides a strong visual aid to better differentiate between multiple suture sets in more complex surgeries. By creating clear color contrast, the new fiber enables healthcare professionals to operate more accurately and efficiently, promoting greater safety and comfort for patients.

“We are providing major manufacturers the opportunity to modernize orthopedic devices and improve surgical methods with our colored Spectra MG Bio fiber, and to deliver that innovation in a collaborative, supportive manner,” said Abey Paul, business leader for Spectra MG Bio Fiber at Honeywell. “This technology is extremely important for orthopedic applications around the world, fostering successful procedures that protect both patients and professionals, and Honeywell is leading in setting new standards.”

Engineered to be both ultra-lightweight and ultra-high strength, Honeywell’s Spectra MG Bio fiber provides superior resistance to chemicals, fatigue and abrasion when compared to conventional polyethylene fiber, making it an optimal solution for minimally invasive surgeries. Earlier this year, the technology received [ISO 13485 certification](#), the highest management standard for the medical device industry.

The addition of a colored variety to the Spectra MG Bio portfolio means the biomaterial can be utilized and trusted by a wide range of manufacturers building increasingly smaller, stronger and lighter devices. For the orthopedic market, colored Spectra MG Bio fiber provides new advantages for both existing devices and emerging trends used in corrective surgeries, such as robotics that reduce procedure durations and smart implants that flag dangerous bacterial presence. This advancement will help to support the growing worldwide market for orthopedic devices, which is expected to reach a [\\$43.1 billion value by 2024](#). In addition, by collaborating with and supplying directly to OEMs, Honeywell offers more tailored, flexible customer support to device manufacturers aiming to advance their equipment designs with colored-fiber compatibility.

Honeywell’s new colored Spectra MG Bio fiber is expected to be commercially available globally in Q3 2022, making the technology accessible to thriving orthopedic device markets in regions including the U.S., EU, India, Asia Pacific and Latin America. In China and Japan, the innovation is the first medical grade colored fiber available for use following imminent approval from the New Medical Products Administration (NMPA), providing new capabilities and solutions to the region.

For more information on the Spectra MG Bio fiber portfolio, its applications and impact, visit: lifesciences.honeywell.com.

About Honeywell

Honeywell (www.honeywell.com) is a Fortune 100 technology company that delivers industry-specific solutions that include aerospace products and services; control technologies for buildings and industry; and performance materials globally. Our technologies help aircraft, buildings, manufacturing plants, supply chains, and workers become more connected to make our world smarter, safer, and more sustainable. For more news and information on Honeywell, please visit www.honeywell.com/newsroom.



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