

Quantum Materials:

Triad fabric maker to invest \$3.5 million in expansion

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Quantum Materials, a manufacturer of custom, advanced textiles based in High Point, has announced an investment of \$3.5 million to further diversify its business with customized, state-of-the-art manufacturing equipment to support research, development and manufacturing for non-traditional and high-performance woven textile solutions.

The investment will allow the company to meet increased demand for domestic production capabilities and will include additional training for employees. Quantum will also expand its workforce by 10% to 15%. The company currently employs 100 at its 155,000-square-foot plant on National Service Road.

Quantum had budgeted for capital investments in the second half of 2020 but has accelerated its plans in response to global supply chain disruptions and market voids, which have generated increased interest in specialized domestic production capabilities. According to the company, new equipment installation will begin in the third quarter of 2020.

“Over the last 18 months, our R&D team has been working on proprietary, custom equipment designed to give us the flexibility to work in any textile-related industry needing specialized yarns and/or fabrics,” said Jeff Bruner, Quantum founder and vice chairman. “We made the decision to fast-track this project so that we can be a domestic resource due to many of the current global dynamics affecting our industry.”



Quantum Group, a High Point-based manufacturer, makes yarn and fabrics that can be used in a range of products from outdoor furniture to tire cord and aircraft seats.

The expansion will support growth in all areas of business, with an emphasis on growing the non-traditional textile segment. Currently, the company supplies a range of specialized fabrics including filtration fabrics, woven tire cord, tubular belting, transparent window screens and other confidential government projects.

Quantum is known for making suspension fabrics for office seating. Quantum also manufactures textiles for the furniture, construction, recreational, industrial, health care and automotive industries. In 2018, the company partnered with Michigan-based ACME Mills to develop a fabric technology for lightweight aircraft seating applications.

Founded in 1985, Quantum Materials was acquired by Twitchell Technical Products in 2017. Twitchell, based in Dothan, Alabama, is a portfolio company of Highland Partners.



Jeff Bruner is founder and vice chairman of Quantum Materials in High Point. The company is investing \$3.5 million in new equipment and planning to create 10 to 15 more jobs in 2020.