CORTLAND BIOMEDICAL™

# Engineered Biomedical Textile Structures

At Cortland Biomedical, we use textiles to solve some of the most complex and unique challenges the healthcare industry faces. Our state-of-the-art facility reflects our commitment to offering superior, full-scale medical textile production customized to your needs.

Cortland Biomedical custom designs high-performance biomedical structures applying our expertise in textile engineering and advanced fabric design methods including knitting, braiding and weaving. We offer a full range of design, development and manufacturing services for biomedical textiles.

We will work with you to take your product idea off the drawing board and make it a reality. If you can imagine it, we have the expertise and resources to help you achieve it. Our unique combination of advanced equipment, a seasoned medical textile-specific engineering team, and first-rate R&D capabilities allows us to tackle your complex challenges with the innovation and agility you expect and deserve.

## Braiding

We offer braided solutions that feature high radial expansion and compaction, kink resistance, or can include a combination of materials; varying density or mandrel profiles for near-net shapes.

## Knitting

Alternatively knitted components, that can maximize pore size and stability for soft tissue repair applications, could be your solution. Our knit technology can vary fabric density and yarn orientation to create low profile fabrics with specialized regions for tissue in-growth and increased flexibility.

## Weaving

We're pushing the boundaries of woven fabric design with ultra-high density, low profile woven fabrics that are flat, tubular, branched or tapered. Our textile design capabilities allow for the inclusion of holes, reinforcement areas and other customizations, to allow you to realize your device's potential.

## Textile Assembly & Fabrication

From loops to eye splices to control cables, tomorrow's medical devices require endless innovation in the way the structure interacts with the patient's anatomy. Novel textile fabrications allow our engineers to provide you and your end-users with game changing solutions to common surgical challenges.

Want to learn more? Call us at (607) 218-3542 or email **info@cortlandbiomedical.com**