

Custom Services and Products

From simple cutting and bundling services to custom product design and production, we are dedicated to providing our customers with a complete range of product options. Many of our braided products can be produced in special colors or construction types. Labor saving services such as product rounding reduce installation time (and costs) for end users and fabricators. Just ask us... we can probably do it for you.



Cut to Length/Coiling/Bundling

An inch or a hundred feet; a dozen pieces or ten million, our precision cutting equipment and skilled operators will cut any stock or custom product to your specs and tolerances. Cut pieces can then be coiled or wrapped in counted bundles, bagged, labeled and shipped.



Ultrasonic Cleaning

To accommodate strictly specified clean room uses such as aerospace and biomed, we can remove any oils and residue accumulated on the material during manufacturing. After cleaning, we will either bag or respool material on new, clean spools, using oil-free respooling equipment and individually wrap each spool to minimize any recontamination of the material during transit.

Heat Treating/Rounding



As easy as it is to work with braided sleeving, it can be made even easier to install. Heat treating and rounding the spooled sleeving opens it up and "sets" it so

that it remains open along the entire length. The sleeving retains all of its original properties, and installation is even easier for long runs of wire or cable. Ask an Account Representative for details.



Splice Free Spools

Some splices are normal during the braiding process. Usually, not more than one or two splices will be on any given spool. Ordering splice-free spools guarantees the maximum continuous yield on your spools.

Overbraiding

Customer supplied material can be overbraided with virtually any of our products. As an integral part of the production process, overbraiding provides the ultimate custom look and feel to any application. Our high-speed equipment and quick turnaround ensure minimum waste and virtually eliminate delay further down the manufacturing chain.



Custom Construction

By altering the structure of the actual braid, the entire visual effect of the sleeving can be changed without affecting any of the material's properties. Note the difference between the standard 3/3 braid on the left and the custom 1/1 braid on the right. Our team will work with you to engineer the perfect product for your application.



Custom Colors/Blends/Sizes

Many of our current stock solid and multiple colors started out as custom products specified by customers. We can color match virtually any Pantone® spot color in almost any combination of braid patterns and color combinations. Additionally, we can braid these custom colors into custom diameters to meet unique customer specifications.



Assembly & Fabrication

CUSTOM SERVICES

We can assist our sleeving customers with everything from custom product development and design assistance through final assembly services in one of our production facilities. We are equipped and staffed to provide a wide range of fabrication services and custom assembly solutions. Our commitment to complete customer satisfaction ensures a smooth production stream and high quality products and services.

Custom Fabrication

When it comes to extending the uses for expandable sleeving, nobody can push the envelope of possibility further than Techflex. That's why Nike approached us with their plans for an unusual treatment on their newest line of high-end basketball shoes. The design called for start to finish customization, as well as an aggressive production/shipping schedule that would ensure that their product launch was on time and that they could fill the thousands of anticipated orders.

We are equipped and experienced in many custom fabrication services, including:

- **Product Engineering Assistance**
Our design & engineering staff works closely with each client to adjust our production specs to accommodate their design and production requirements.
- **Custom Product Design**
New braid structures and custom colors can be engineered to produce the necessary visual effect while fulfilling requirements for strength and flexibility.
- **Precision Flattening**
The tubular material can be permanently flattened or rounded to tight tolerances for further processing.
- **Ultrasonic Shaping and Welding**
Custom tooling for our entire in-house line of ultrasonic equipment ensures precision cutting to complex shapes within tight specifications.
- **Custom/Private Label Packaging & Spooling**
Techflex has been packaging braided sleeving products for other companies since our inception nearly 40 years ago. We've done everything from simple plastic bags with header cards to blister packs to revisions of our existing clamshell templates to fully customized packaging solutions. Additionally, we can create custom spool solutions to fit your unique storage and branding requirements.



A dedication to service and a full range of fabrication capabilities brought Nike on board for the tongue and tab detail on this line of Air Jordan shoes.



- **Scientific Quality Control Systems**
Automated visual inspection system to 100% ensure parts consistency and calibrated physical and chemical testing can be performed as required for custom product applications.
- **Custom Printing Services**
We have in-house pad and thermal printing facilities to imprint up to two color logos on heatshrink tubing or braided sleeving.
- **Sleeving Installation Services**
Our production facility is equipped to receive bulk customer products, professionally install and terminate any type of sleeving and promptly package and ship finished product for distribution.

- **Prototyping**
Our production team will work with your design/engineering staff to provide samples of various sleeving/termination solutions during your initial product design stages.
- **JIT (Just in Time) Shipping**
We can accommodate your incremental shipping schedule ensuring sufficient quantities of approved fabricated parts delivered to downstream production facilities without delay. Contact your Account Manager for domestic, international and interplanetary shipping options.

