

# 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.

