

Custom Innovations, Proven Performance

The Fastest Track to Market

NWI understands the importance of speed during the development and approval process for medical and dental equipment and life science technology. To help you accelerate this process, our rapid-response model delivers high-quality custom products fast with no minimum order quantity or length requirements.

We ensure that your product adheres precisely to your specifications, as well as the quality, performance and safety standards that are vital to the success of your application.

Medical Device Market Expertise

You can depend on NWI for consistent, durable, cost-effective, high-quality products that are test-proven to meet the demands of challenging applications with utmost reliability. We adhere strictly to your specifications. And with our reputation for service excellence, we will deliver quickly to meet even the tightest production schedules.



Exacting Performance Characteristics

NWI's products are designed, engineered, constructed and tested with the performance characteristics you specify, including:

- USP Class VI and FDA-grade and biocompatible materials
- Low bio-burden, pyrogens count and triboelectric noise-free
- One or many sterilization cycles and methods
- Continuous motion, torsional flex, bending, ergonomic demands and long flex life
- Non-toxic and irritant-free
- Silicone-free
- Color-coding for polarization
- Tactile qualities – extreme flexibility, suppleness
- Smaller bend radius
- Finishes – high gloss, satin and matte
- Low surface friction
- Low volume, low weight
- Low noise
- High mechanical strength
- Elongation and high tensile strength
- Superior lubricity
- Resistance – temperature extremes, corrosion, chemicals, water, UV light, abrasion, scrape, cut-through, kink, torsion deformation, crush, impact and more
- Internally ruggedized
- Designs to withstand cart rollover up to 2,000 lbs. (907.18 kg)
- Miniaturization
- ElectroMagnetic Interference (EMI) protection
- Radio Frequency Interference (RFI) protection
- Composite and multiconductor constructions
- Private label, legends and custom colors
- Lot traceability

Contract manufacturing

From *Concept to Completion*, NWI engineers will engage with you through every process phase from R&D, new product development, prototype, pilot models, clinical trials, low volume through high volume production, life cycle innovation and logistics.

