



NianticSeal Inc.

an INSCO Performance Materials Company



# Exceptional performance.

More than just a leading distributor of premium sealing products, Niantic is also a highly integrated customer resource combining a full complement of application and design expertise with extensive materials knowledge. This includes Niantic's custom fabrication capabilities, covering a broad range of engineered seals, die cut/molded parts and specialty hose assemblies.

Our technically-trained specialists work in collaboration with you to develop high performance, cost-effective solutions. We further employ the resources of a fully-equipped applications lab where our engineers and production personnel work in concert to design, fabricate and measure products to exacting quality control standards that are both repeatable and documented.

The Niantic team stays with your project through its entirety, making certain our engineered solutions not only meet, but exceed your expectations for performance, reliability, quality and delivery.

As your evolving operations demand the best, count on the Niantic team to deliver exceptional performance.

AEROSPACE/AIRCRAFT



DEFENSE/HOMELAND SECURITY



INDUSTRIAL PROCESS



SEMI CONDUCTOR/MEDICAL



TELECOMMUNICATIONS



Delivered.





**UNPARALLELED DESIGN, ENGINEERING AND FABRICATION CAPABILITIES.**

At Niantic Seal, our one driving goal is to maximize the performance of your product. Niantic is ISO 9001 registered, and our tenured sales professionals are recognized for their technical expertise and broad based industry knowledge. The Niantic team is able to react quickly to unique challenges by fabricating prototype samples to avoid costly mistakes. Thus ensuring cost-effective/successful solutions for your specific application utilizing the following fabrication capabilities:

- CAD Services
- CNC Machining
- Combo Gasket
- Compound Dispensing (FIP)
- Conductive Coatings
- Conductive Windows
- Custom Gasketing & Assembly
- Custom Molded Shapes
- Die Cut
- Emergency Hose Fabrication
- Hose Design & Assembly
- Kiss & Laser Cutting
- Lathe Cutting
- PSA Lamination
- Rapid Prototyping
- Rotary Die cutting
- Slitting
- Spliced Gasket & O-ring
- Water Jet
- Welding ASTM



**THE BEST MATERIALS IN THE BUSINESS, BAR NONE.**

We have over 47 years of company experience working with performance materials for tight tolerance applications where only the best will do. Niantic Seal works with over 100 different manufacturers who represent the highest quality products and materials in the industry. No matter what your design requires, whether it be critical or non-critical applications, you can be confident in your application's performance. Niantic Seal specializes in the following materials:

- EMI/RFI Shielding Compounds
- FDA, USP Class 6 Materials
- Hose Assemblies:
  - Stainless Steel, Bronze,
  - Monel, Rubber
- Mil-Spec Materials
- NSF Materials
- Specialty Compounds:
  - Heat-Resistant
  - Abrasion-Resistant
  - Solvent-Resistant
- Thermal Management Materials
- UL-Rated Materials



**THE MOST QUALIFIED AND COMMITTED DELIVERY AND SUPPORT.**

It is our mission to provide accurate, on-time delivery and dedicated sales support. We offer inventory solutions when you need them by creating unique logistical arrangements to reduce your total procurement cost. We maintain strict and accurate product conformity, order fulfillment and service response. All orders are delivered with required certification and test-inspection documentation per your requirements. Our specialized services include:

- Bar Coding & Material Color Coding
- Custom Labeling, Packaging, Wrapping
- EMI/RFI Testing
- Global Sourcing
- Hose Test Center
- Kit Assembly
- Managed Inventory & Forecasting
- Mil-Spec Packaging

**ISO9001 REGISTERED.  
ITAR COMPLIANT.**

# Proven.

## Proactive solutions. Dedicated customer support.

An innovative LED lighting manufacturer was faced with a unique design challenge for a high-illumination product. Dealing with multiple issues concerning environmental sealing, thermal management and EMI suppression, the manufacturer contacted Niantic's sales engineer for application assistance under a very aggressive project timeline.

The newly-developed product included a radically re-designed and miniaturized electrical enclosure capable of surviving harsh environmental conditions. Working in collaboration with our customer's engineers and premium materials suppliers, Niantic's sales engineer quickly selected an array of custom materials and sealing profiles. Initial form, fit and function sample parts were then rapidly supplied utilizing Niantic's in-house prototype fabrication equipment.

After a joint engineering review of prototype samples, Niantic's team further showed how three enclosure gasket seals could be reduced to two by consolidating environmental and EMI gaskets into a single gasket design. This simple, but illuminating approach saved additional time and cost while enhancing overall sealing performance. Final part approvals were released by the customer to Niantic's production department and delivered ahead of schedule while meeting all quality control and performance requirements.

Our solution and, more importantly, our customer's success with this project, has led to Niantic's collaborative involvement in six additional projects.



## Exceptional performance. Delivered.

INSCO is a specialized group of technical sales and service companies engaged in the distribution and fabrication of engineered products relating to the transfer, sealing, control and electrical shielding of fluid, air and gases. We focus on a broad array of process manufacturing markets ranging from general industrial to life sciences. We are committed to delivering exceptional performance by incorporating higher standards that are strategically aligned with both our valued customers and principal suppliers. Our ultimate mission is to earn our customers' long term trust and loyalty by providing measurable value in everything we do and conducting business within a framework of professionalism and unquestionable ethical standards.

## Our dedication to quality.

We will strive to provide error-free service and conforming products that consistently meet or exceed our customers' requirements by creating a formal atmosphere of quality awareness and continuous improvement throughout our employee group.

### **Niantic Seal, Inc.**

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