

# ***Viton<sup>®</sup> vs. Silicone Seal Tight Boots***

***EXPLAINED***



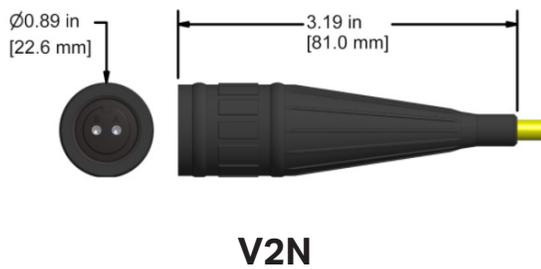
**WHEN RELIABILITY MATTERS  
CONNECT TO CONFIDENCE**



In the field, vibration analysts frequently encounter many varied chemicals and chemical combinations. With all of the various chemicals to be dealt with, it turns out that no one material is compatible with every environment.

In order to provide solutions for the most difficult of these environments, CTC has chosen to offer specialty materials for protecting the connections to sensors, including Viton® and silicone.

**Viton® Seal Tight Boot offerings from CTC**  
*featuring enhanced chemical resistance and an IP 68 rating*

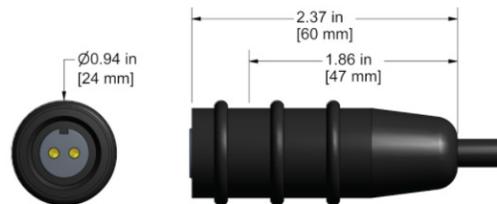


**V2N**



**V3N**

**Silicone Seal Tight Boot from CTC**



**B2A**

While both Viton® and silicone have excellent resistance to many chemicals, certain chemicals, like chlorine, can cause silicone to deteriorate rapidly, yet have little or no effect on Viton®.

Pictured on the right are silicone boots which have split after prolonged exposure to chlorine.





**CTC's V2N Seal Tight Connector Boot is shown on CTC's high temperature cable, CB111**



**CTC's V3N Seal Tight Connector Boot requires use of CTC's CB119 cable to maintain the coveted IP 68 rating**



CTC's Viton® boots provide superior protection and can even be submerged for extended lengths of time in depths of up to 5 meters without allowing water to penetrate to the sensor connections. The V2N and V3N Connectors have been tested to the IP 68 standards and passed with no water ingress observed at all.

### **CABLES AND CONNECTORS FOR SAME DAY SHIPMENT**

Did you know? CTC now offers you a convenient selection of the industry's most durable and reliable vibration analysis cable and Viton® connector solutions, available for same day shipment:

- ▶ **CB111-V2R-030-Z**
- ▶ **CB111-V2R-060-Z**

These stock cordsets are the perfect last-minute, high-quality solution for a variety of applications, and feature:

- ▶ **High temperature resistance** (up to 350 °F)
- ▶ **IP68 rating** (water resistant)
- ▶ **Our highest quality, most rugged combination** for any industrial environment

CTC is the world leader in the design and manufacture of industrial accelerometers, piezo velocity transducers, 4-20 mA vibration sensors, and proximity probes as well as all related mounting hardware, cabling, and junction boxes. Our products enable efficient vibration monitoring for predictive maintenance in a wide variety of industries. Industries served include cement, mining, petrochemical, food & beverage, auto, steel, wind, paper & pulp, power generation, water & wastewater treatment, pharmaceutical, hospitals, bottling, and more. Our mission is to offer the widest variety of accelerometers and vibration hardware products, which are compatible with data collectors and online monitoring systems, as well as the tools for installation.



The CTC product line features vibration analysis hardware for heavy industry.

All CTC products are backed by our unconditional, lifetime warranty. If any CTC product should ever fail, we will repair or replace it at no charge.



The PRO line offers the industry's most reliable proximity probe sets.

All PRO products are backed by a lifetime warranty on materials and workmanship. PRO will repair or replace any of our products as long as the product was not subjected to misuse, neglect, natural disasters, improper installation, or modification.

All stock products may be returned for a 25% restocking fee if returned in new and unused condition within 90 days of shipment. Built-to-order and private-label products qualify for a 50% refund if returned in new and unused condition within 90 days of shipment. Custom products are quoted and built specifically to the requirements of the customer, which may include completely custom product design or private-labeled versions of standard products for OEM customers. Custom products are non-cancellable, non-returnable, and non-refundable.

