



# RELIANCE RUBBER

INDUSTRIES

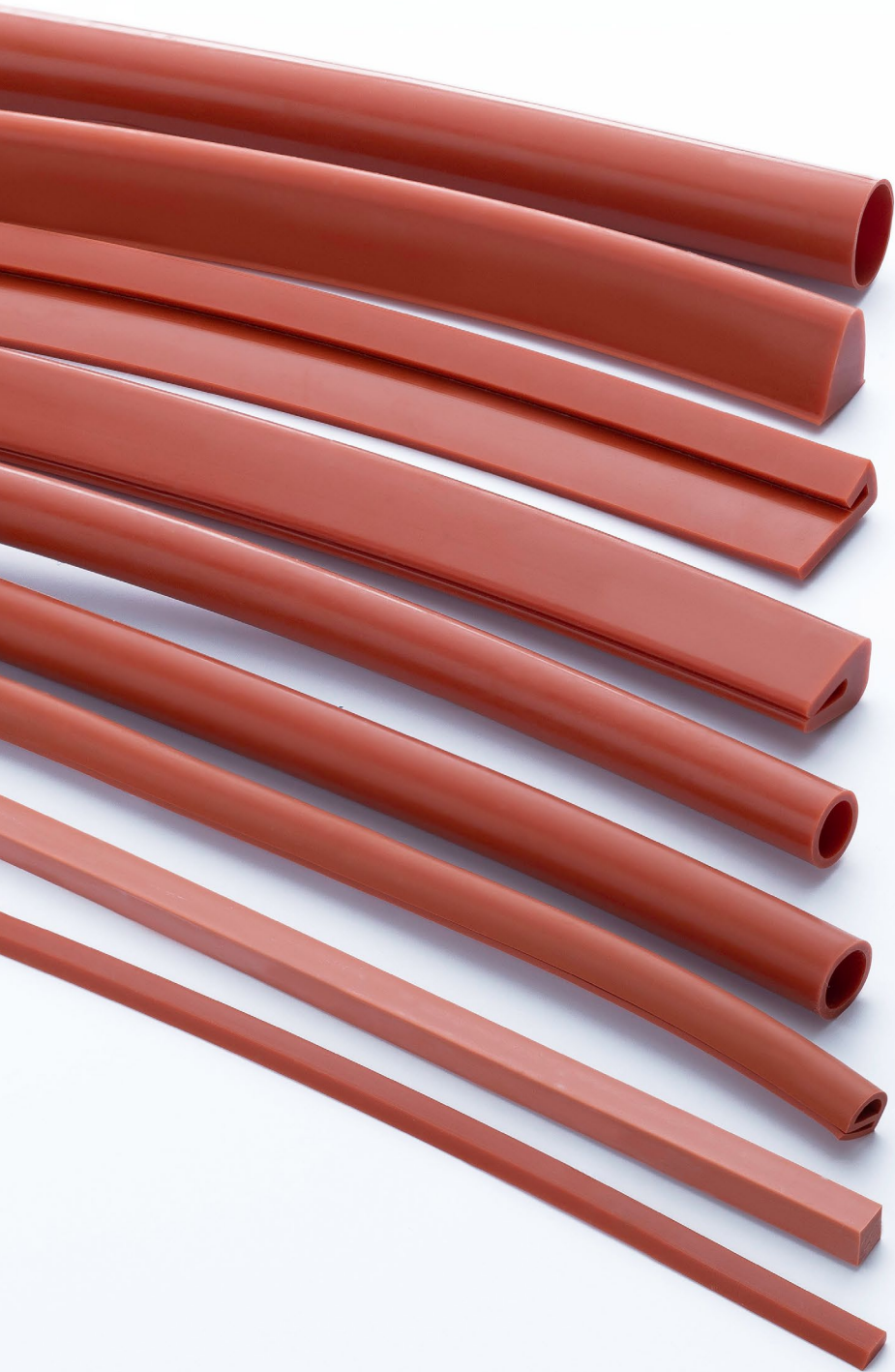
ISO 9001:2015 Certified



38230 N Executive Drive | Westland, MI 48185

Ph: 734-641-4100 | Fx: 734-641-3900

[www.reliancerubberindustries.com](http://www.reliancerubberindustries.com)



Since 1990 Reliance Rubber Industries Inc. has been manufacturing custom extruded silicone seals, gaskets, and tubing to a wide range of industries.

#### **DEVELOPMENT AND TESTING**

We specialize in developing custom Silicone compounds to meet the specific needs of our customers. We have the ability to formulate, mix, and test our compounds per ASTM D2000.

#### **MIXING**

Mixing high consistency silicone requires skilled mill and mixer operators. On every order we follow a detailed process from mixing to adding ingredients. The batch is ready for extrusion once we have a complete homogeneous mix. Material can also be purchased premixed from any major silicone manufacturer.

#### **EXTRUSION**

Extrusion is more of an art than a science. Reliance has tight controls to ensure the profile or tubing has a uniform shape. In addition, we post cure our products to ensure that all byproducts are removed from the substrate. You can be ensured that when you partner with reliance your products are safe out of the box.

#### **SECONDARY OPERATIONS**

We provide a long list of secondary operations. We provide hot splicing, cold splicing, precision cutting, drill hole, punch hole and skive.





### **WHY CHOOSE SILICONE?**

- Good Resistance to Food Fat
- Silicone is a Durable and Versatile Material
- NSF/ANSI-51 Certified Materials Available
- Meets FDA 21 CFR 177.2600 requirements
- USP Class VI (USP <87>, USP <88>) Material
- Can be custom formulated to meet very specific needs

### **WHY RELIANCE RUBBER INDUSTRIES INC. THE RIGHT PARTNER FOR SILICONE?**

- Low Lead Times
- Reliable and Dependable Manufacturer of extruded Silicone Seals, Gaskets and Tubing
- Dedicated equipment to process Platinum Cured and Peroxide Cured compounds
- Specialization in Molding/Splicing corners
- Specialty precision cutting for a perfect fit
- We have in-house tooling capabilities which reduces lead times and costs.





**OUR PRODUCTS ARE TYPICALLY  
USED IN:**

- Fluid Transfer
- Drug Delivery
- Food Processing Equipment
- Extreme High and Extreme Low Temp Applications
- Seals and Gaskets

**OUR CAPABILITIES:**

- Tubing, Profiles and Cords – Dense Silicone
- Profiles and Cords – Sponge/ Foam Silicone (Open and Closed Cell)
- Thin wall tubing Multi Lumens
- Custom Silicone Compounding in Platinum cured or Peroxide Cured Systems
- Specialty cutting, printing, corner splicing
- NO Kink and Tight Tolerances can be upheld
- In house tooling



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