



## **NSF-61 EPDM Full-Face / Ring Flange Gasket Specification Sheet**

### **MATERIAL PROPERTIES AND PRODUCT IDENTIFICATION PER ANSI/AWWA C111/A21.11**

Specification Rubber Products NSF-61 EPDM flange gaskets are designed for use with standard flange bolts. The holes can be cut to match any bolt configuration. Gaskets also match certain flange drill classes of AWWA C207 and ASME B16.1 flanges. Each gasket manufactured at Specification Rubber Products will be marked with size, manufacturer's mark (SRP), country of origin (USA), NSF-61 (if applicable), and product type (FF FLAT, RING).

Gaskets are manufactured in the USA under strict quality control procedures governed by ISO 9001:2015. Gaskets are free of foreign materials, porous areas, and any other defects that make them unfit for their intended use.

### **PHYSICAL PROPERTIES AND TEST METHODS PER ANSI/AWWA C111/A21.11**

|                   |                                                                  |               |
|-------------------|------------------------------------------------------------------|---------------|
| <b>ASTM D2240</b> | Hardness (Shore A)*                                              | 75 (+/-5)     |
| <b>ASTM D412</b>  | Minimum Tensile                                                  | 1500 (10 MPa) |
| <b>ASTM D412</b>  | Minimum Elongation %                                             | 150%          |
| <b>ASTMD573</b>   | % Minimum Aging                                                  | 60%           |
| <b>ASTM D395B</b> | Max Compression Set,<br>25% Deflection 22 hours at 158°F (70°C): | 20%           |
| <b>ASTM D1149</b> | Ozone Resistance                                                 | No cracking   |

Specification Rubber Products has been ISO-certified since 1994. Specification Rubber Products maintains a state-of-the-art, full-service rubber laboratory. Testing is conducted during every phase of the manufacturing process, per our ISO 9001:2015 procedures, to ensure adherence to required specifications. All EPDM full-face and ring gaskets produced by Specification Rubber Products are certified to NSF-61.

**Certifications: NSF-61, ISO 9001:2015**

**Specification: ANSI/AWWA C111/A21.11**