

Data Sheet

NSF61 EPDM

Data Sheet Type	Final
Material Reference	NSF61 EPDM
Polymer	EPDM
Date Issued	06/12/24



Description

Premium grade EPDM rubber gasketing designed to meet the stringent requirements of the NSF Standard 61 for products used in potable water. Meets or exceeds AWWA C111/A21.11 compound requirements.

This product is manufactured to order and therefore may be subject to minimum production batch quantities.

Specifications	Values	Test Methods
Compression Set(22 Hours @ 70°C)	20 %	ASTM D395 Method B
Elongation at Break	150 %	ASTM D412
Heat Ageing - Change in Elongation @ Break	-13 %	ASTM D573
Heat Ageing - Change in Hardness	+1 ° Shore	ASTM D573
Heat Ageing - Change in Tensile Strength	+2 %	ASTM D573
Highest Recommended Working Temperature	122 °C	None
Lowest Recommended Working Temperature	-30 °C	None
Maximum Pressure	12 bar	None
Ozone Resistance	No Cracks	ASTM D1149 Type A
Shore Hardness (Shore A)	75 ° Shore	ASTM D412
Tensile Strength	11 N/mm 2	ASTM D412

Purposes



Potable Water Suitability

### **Important Notes about this Material Data Sheet**

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.