

**Product Name** **O-ring**

<b>Primary material</b>	AEM
<b>Specifications</b>	Customised services
<b>Performance indicators</b>	<p>Temperature range: -40°C to 175°C (long-term), short-term resistance up to 200°C</p> <p>Oil resistance (ASTM #3 oil immersion at 150°C × 70h): Volume change rate &lt;10%, hardness change &lt;±5 Shore A</p> <p>Compression set: ≤25% (150°C × 22h)</p> <p>Tensile strength: ≥10MPa, Elongation at break ≥200%</p> <p>Refrigerant resistance: Operates continuously for 500 hours at 120°C in R134a environment without cracking or performance degradation</p> <p>Environmental compliance: Meets multiple environmental requirements including RoHS, REACH, PAHs, TSCA, PFAS</p>
<b>Product Features</b>	High-temperature resistant, oil-resistant, low-temperature resistant and highly elastic
<b>Fields of application</b>	Sealing applications in automotive, industrial, aerospace, and new energy equipment sectors, also suited to demanding high-temperature, oil-resistant environments.
<b>Customised Services</b>	Dimensions, materials and colours can be customised to meet customer requirements.



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