

Product Name Self-lubricating Sealing Ring

Primary material	NBR/XNBR/HNBR
Specifications	Customised services
Performance indicators	Tensile strength: ≥ 20 MPa; Right-angle tear strength: > 40 N/mm; Compression set: $100^{\circ}\text{C} \times 24\text{h} \leq 25\%$; Oil resistance + hot air ageing performance: After $100^{\circ}\text{C} \times 120\text{h}$, mechanical properties retention rate $\geq 90\%$, weight/volume change rate $\leq 5\%$; Operating temperature range: -40°C to 120°C ; Service life testing: Passed 250,000 cycles of reciprocating motion seal endurance testing.
Product Features	Self-lubricating with low friction, reducing wear and heat generation; Low compression set for long-lasting sealing performance; Resistant to oils and extreme temperatures, suitable for demanding conditions.
Fields of application	High-speed motion sealing systems for electric nailers, impact drills, torque wrenches, electric motors, etc.
Customised Services	Dimensions, materials and colours can be customised to meet customer requirements.



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