

Nitrile (NBR) Black 80 ShA

Nitrile (NBR)

NBR (Nitrile) is the most widely available o-ring material. Ideal for use as seals for general engineering applications in the hydraulic and pneumatic industry. NBR o-rings sometimes prove useful as drive belts. NBR is good for applications where the O-ring is exposed to fats, greases and animal or vegetable oils.

Colour: Black

Operating temperature range: -25°C to +120°C

Physical Property	Test Method	Units	Typical Values
	ASTM D2240	ShA	80
Tensile Strength	ASTM D412	MPa	15.6
Elongation	ASTM D412	%	267
Specific Gravity	ASTM D297	g/cm ³	1.22
Compression Set 22h @ 100°C	ASTM D395B	%	7