

Nitrile - NBR is a popular elastomer that is used in a wide range of mechanical applications.

This versatile rubber material, owing to its several superior features and properties, is widely used in a number of applications across industries.
Variants: Carboxylated Nitrile - XNBR, Hydrogenated Nitrile - HNBR, PVC/Nitrile blends

Name	Abbreviation	Physical & Mechanical Properties	Chemical Resistance
Nitrile or Buna N	NBR	Durometer or Hardness Range 20 – 95 Shore A	Oil and Grease Excellent
		Abrasion Resistance Good to Excellent	Acids Poor to Good
		Tear Resistance Good to Excellent	Alcohols Poor
		Compression Set Good to Excellent	
		Resilience / Rebound Good	
		Adhesion to Metal Excellent	
		Maximum temperature for Continuous Use (Static) 200 F	