

NBR

Nitrile Rubber is a butadiene and acrylonitrile copolymer, polymerized either hot or cold, with non-staining antioxidant that ensures normal storage condition. NBR is ideal for applications requiring excellent oil, fuel, aliphatic oil, and nonpolar solvent resistance. The increase in acrylonitrile content raises resistance to fuel, oil and solvents, and decreases resilience and flexibility at low temperatures.



Type	Product	Polymerization	Acrylonitrile Content (%)	Mooney viscosity, (MML 1+4@ 100°C)	Applications/Features
NBR	N-2255	Cold	22	55	Ideal for applications requiring excellent performance at low temperatures and moderate oil and solvent resistance. Recommended for injection and molding processes. E.g.: Fuel hose covers, gaskets, diaphragms, and printing cylinders.
NBR	N-724	Cold	28	50	Ideal for applications requiring excellent performance at low temperatures and moderate oil and solvent resistance. Recommended for injection and molding processes. E.g.: Fuel hose covers, gaskets, diaphragms, and printing cylinders.
NBR	N-726	Cold	28	60	Ideal for applications requiring good performance at low temperatures and moderate oil and solvent resistance. Recommended for injection and molding processes. E.g.: Fuel hose covers, gaskets, diaphragms, printing rollers, expanded components, membranes, and fabric coatings.
NBR	N-728	Cold	28	80	Ideal for applications requiring good performance at low temperatures and moderate oil and solvent resistance. Recommended for extrusion processes. E.g.: Insulating tubes, hose covers, and roller coverings.
NBR	N-617 B	Cold	31	50	Ideal for applications requiring oil and grease resistance. E.g.: Printing cylinder coatings, laminated coverings, plates, conveyor belts, transmission belts, sealing rings, sealants, gaskets, footwear, expanded components, hoses, and joints.
NBR	N-612 B	Cold	33	25	Ideal for applications that require oil and grease resistance ensuring optimal performance in molding and injection processes. E.g.: Diaphragms, sealing rings, gaskets, sealants, retainers, conveyor belts, hoses and joints.

Type	Product	Polymerization	Acrylonitrile Content (%)	Mooney viscosity, (MML 1+4@ 100°C)	Applications/Features
NBR	N-613 B	Cold	33	34	Ideal for applications that require oil and grease resistance, mechanical resistance, ensuring optimal performance in injection and molding processes. E.g.: Printing cylinder coatings, laminated coverings, plates, conveyor belts, transmission belts, sealing rings, sealants, gaskets, footwear, expanded components, hoses, and joints.
NBR	N-614 B	Cold	33	42	Ideal for applications that require oil and grease resistance, mechanical resistance, ensuring optimal performance in injection and molding processes. E.g.: Printing cylinder coatings, laminated coverings, plates, conveyor belts, transmission belts, sealing rings, sealants, gaskets, footwear, expanded components, hoses, and joints.
NBR	N-615 B	Cold	33	50	Ideal for applications that require oil and grease resistance, mechanical resistance, ensuring optimal performance in injection and molding processes. E.g.: Printing cylinder coatings, laminated coverings, plates, conveyor belts, transmission belts, sealing rings, sealants, gaskets, footwear, expanded components, hoses, and joints.
NBR	N-616 B	Cold	33	60	Ideal for applications requiring oil and grease resistance, and good mechanical strength. Recommended for injection and extrusion processes. E.g.: Printing cylinder coatings, laminated coverings, plates, conveyor belts, transmission belts, sealing rings, sealants, gaskets, footwear, expanded materials, hoses, joints, and profiles.
NBR	N-608	Cold	33	80	Ideal for applications requiring oil resistance, ensuring good compression set and mechanical properties. Highly recommended for extrusion processes. E.g.: Cylinders, hoses, laminated coverings, profiles, plates, gaskets, fabric coatings, molded products, conveyor belts, expanded components, membranes, soles, and flooring.
NBR	N-6011	Cold	33	115	Ideal for applications requiring high oil and fuel resistance, excellent mechanical properties. Recommended for injection and extrusion. E.g.: Hoses, sealing rings, gaskets, conveyor belts, and coatings.
NBR	N-300	Cold	39	55	Ideal for applications requiring high oil and fuel resistance, excellent mechanical properties. Recommended for injection and extrusion. E.g.: Hoses, sealing rings, gaskets, conveyor belts, and coatings.

Type	Product	Polymerization	Acrylonitrile Content (%)	Mooney viscosity, (MML 1+4@ 100°C)	Applications/Features
NBR	N-206	Cold	45	60	Ideal for applications requiring excellent oil and fuel resistance, good mechanical properties, low gas permeability. Recommended for injection and extrusion. E.g.: Hoses, sealing rings, gaskets, conveyor belts, and coatings.
NBR	N-8	Thermal	30	80	Ideal for applications requiring excellent surface finish, low shrinkage and low swelling. It can be used in blends. Recommended for calendering and extrusion processes. E.g.: Hoses, conveyor belts, profiles, adhesives, mastics, and seals.
NBR	N-7	Thermal	30	90	Ideal for applications requiring excellent dynamic performance. It can be used in blends. Recommended for calendering and extrusion processes. E.g.: Hoses, laminated coverings, belts, friction materials and rice huskers.
NBR	N-5	Thermal	40	85	Ideal for applications requiring excellent adherence and good processability. Ideal for calendering and extrusion processes. It can be used in blends. E.g.: Adhesives, mastics, safety shoes, friction materials, hoses, tubes and printing blankets.