

CLEAN – NBR AND XNBR

The nitrile rubber **CLEAN** line is a butadiene and acrylonitrile copolymer, polymerized cold, with non-staining antioxidant that ensures normal storage conditions. NBR is ideal for applications that require excellent oil, fuel, aliphatic oil and nonpolar solvent resistance.

When compared to traditional nitrile rubbers, the CLEAN line has low foulingness as its advantage, which allows more injection cycles with reduced downtime for mold maintenance and excellent processability in injection transfer molding. Carboxylated nitrile rubber, or XNBR, improves tensile, abrasion, tear, and modulus resistance. Adding properties when mixed with other polymers.



Type	Product	Polymerization	Acrylonitrile Content (%)	Mooney viscosity, (MML 1+4@ 100°C)	Applications/Features
XNBR	Nitriclean 3330X	Cold	28	30	XNBR 7% acid. Ideal for applications requiring excellent abrasion resistance, hardness, tensile strength, and flexibility at low temperatures. E.g.: Electrical adhesives, conveyor belts, laminated coverings, retainers, soles, flooring, and mechanical parts.
XNBR	Nitriclean 3350X	Cold	28	50	XNBR 7% acid. Ideal for applications requiring excellent abrasion resistance, hardness, tensile strength, and flexibility at low temperatures. E.g.: Cylinders for textile industry, rice husking rollers, conveyor belts, laminated coverings, safety shoes, flooring, and friction materials.
XNBR	Nitriclean 3450X.1	Cold	33	50	XNBR 1% acid. Ideal for applications requiring abrasion resistance, hardness, tensile strength, flexibility at low temperatures, and moderate resistance to oils and solvents. E.g.: Cylinders for textile industry, rice husker rollers, conveyor belts and laminated coverings.
NBR	Nitriclean 2755	Cold	28	58	Ideal for articles manufactured by transfer and injection molding in accordance with RDC 123 of June 2001. Ideal for applications requiring good processability, low-temperature elasticity, moderate oil resistance, and low mold fouling. E.g.: Fuel hose covers, sealing rings, gaskets, diaphragms, printing cylinders, teat liners, membranes, and fabric coatings.
NBR	Nitriclean 2858	Cold	28	58	Ideal for applications requiring good processability, low-temperature elasticity, moderate oil resistance, and low mold fouling. E.g.: Fuel hose covers, sealing rings, gaskets, diaphragms, printing cylinders, membranes, and fabric coatings.

Type	Product	Polymerization	Acrylonitrile Content (%)	Mooney viscosity, (MML 1+4@ 100°C)	Applications/Features
NBR	Nitriclean 3335	Cold	33	35	Suitable for applications requiring good oil resistance, easy processing, and low mold fouling. Recommended for articles produced by transfer and injection molding. E.g.: Diaphragms, sealing rings, gaskets, sealants, retainers, hoses and joints.
NBR	Nitriclean 3345	Cold	33	45	Ideal for applications requiring oil and grease resistance, good processability and low mold fouling. E.g.: Printing cylinder coatings, transmission belts, sealing rings, sealants, gaskets, hoses, and joints.
NBR	Nitriclean 3355	Cold	33	55	Ideal for applications requiring good oil and compression set resistance, good mechanical properties, and low mold fouling. Excellent for extruded artifacts. E.g.: Cylinders, hoses, profiles, gaskets, fabric coating, molded products, and membranes.
NBR	N-689 B	Cold	33	85	Ideal for applications requiring good oil resistance, good compression set and mechanical properties, and low mold fouling. Excellent for extruded artifacts. E.g.: Cylinders, hoses, profiles, gaskets, fabric coating, molded products, and membranes.
NBR	N-386 B	Cold	39	60	Ideal for applications requiring high oil and fuel resistance, excellent mechanical properties, and low mold fouling. E.g.: Hoses, sealing rings, gaskets, and printing cylinder coatings.