



NBR (Buna N - Nitrile),
 Acrylonitrile Butadiene..

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NBR for sanitary applications.

GUARNISIL® 260FDA NBR Nitrile rubber is an acrylonitrile butadiene elastomer formulated with clear mineral fillers instead of traditional carbon black. This modification gives it "non-marking" properties, meaning it does not transfer color or mark surfaces it comes into contact with through friction or pressure. It retains the excellent mechanical properties and resistance to mineral oils and aliphatic hydrocarbons of standard nitrile.

Visual Quality Protection: Prevents delicate products (such as paper rolls, fabrics, or clear plastics) from being damaged by friction with rubber components of machinery.

Mechanical Durability: Offers good resistance to abrasion, tearing, and compression, ensuring a long service life in light-duty dynamic applications (such as sweepers or skirts).

Budget Optimization: The perfect and economical alternative when a visually clean material is required, but the process does not involve human consumption or sanitary regulations.

Sanitary Flange Gaskets and Seals: Sealing stainless steel connections in pipelines that transport vegetable oils, shortening, dairy products (milk, cheeses, creams), and juices.

Mixer and Kettle Seals: Gaskets for the lids of large industrial kettles and mixers used to prepare sauces, dressings, or cosmetics (oil-rich creams and lotions).

Discharge Curtains and Sleeves: For hoppers or silos where powders (flour, sugar, powdered milk, supplements) are discharged. The white color allows for easy identification of mold, bacteria, or dirt buildup that needs cleaning.

Inspection Table Coverings: Surfaces where operators inspect finished products before packaging.

Fluids: Engine oils, hydraulic fluids, lubricating greases, and water.



TECHNICAL DATA

Properties:	GUARNISIL® 260FDA	Sheet
Composition:	NBR (White) (Buna N - Nitrile), Acrylonitrile Butadiene, sanitary applications.	
Flange Face:	FF - Flat Face	
Temperature, Max:	230	°F
Temperature, Continuous:	176	°F
Temperature, Min:	-22	°F
Pressure, Max:	290	psi
Density:	96.76	Lb/ft3
Hardness, Shore A:	70-75	
Elongation at break:	500	%
Tensile strength:	56.892	psi
P x T @ 1/16, Psi x °F:	19,980	
P x T @ 1/8, Psi x °F:	16,650	
Availability:	GUARNISIL® 260FDA	Roll
Availability:	39.4" Wide 1/32" / 39.4" / 33ft 1/16" / 39.4" / 33ft 1/8" / 39.4" / 33ft 3/16" / 39.4" / 33ft 1/4" / 39.4" / 33ft 48" Wide 1/32" / 48" / 33ft 1/16" / 48" / 33ft 1/8" / 48" / 33ft 3/16" / 48" / 33ft 1/4" / 48" / 33ft	
Notes:	Other sizes available upon request. *** Thickness tolerance: ±10%. Dimensional tolerance: ±5%	

***Maximum Temperature and pressure ratings shouldn't occur simultaneously.

Trusted Sealing Solutions.