



CR - Chloroprene (Neoprene)

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Resistance to oils and mineral freons.

GUARNISIL® 230 neoprene rubber is a multipurpose elastomeric sheet formulated from a blend of chloroprene (CR) and synthetic rubbers (SBR). This formulation is specifically designed to optimize the end user's budget, offering an ideal balance between mechanical properties (compression and tear strength) and moderate tolerance to environmental factors.

Budget Optimization: It allows for reduced preventive maintenance costs by using the appropriate material for low-demand applications (without over-specifying expensive materials).

Mechanical Adaptability: Its flexibility allows it to conform to irregular metal surfaces to achieve a watertight and dustproof seal.

Usage Recommendations:

Fluids: Cold and hot water, compressed air, powders, and neutral gases.

Conditions: Static applications indoors or in moderate outdoor environments.

Air Systems: Gaskets for ventilation ducts, HVAC, and low-pressure compressed air systems.

Manholes and Covers: Sealing for hatches, inspection boxes, and tank covers that do not contain oils or harsh chemicals.

Anti-Vibration Mounts: Bases for electric motors, compressors, pumps, and fans to prevent vibration from being transmitted to the floor or structure.

Leveling Pads: Pads placed under heavy machinery to correct uneven ground and absorb operating movement.

Bump Stops: Bumpers on loading docks or fenders to protect structures from impacts by forklifts or vehicles.



TECHNICAL DATA

Properties:	GUARNISIL® 230	Sheet
Composition:	CR - Chloroprene (Neoprene)	
Flange Face:	FF - Flat Face	
Temperature, Max:	230	°F
Temperature, Continuous:	194	°F
Temperature, Min:	-22	°F
Pressure, Max:	290	psi
Density:	96.76	Lb/ft3
Hardness, Shore A:	60-65	
Elongation at break:	450	%
Tensile strength:	213.345	psi
P x T @ 1/16, Psi x °F:	19,980	
P x T @ 1/8, Psi x °F:	16,650	
Availability:	GUARNISIL® 230	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	
Notes:	Other sizes available upon request.	
	*** Thickness tolerance: ±10%. Dimensional tolerance: ±5%	

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

Trusted Sealing Solutions.