

The right performance ratio.

SBR,
 Styrene Butadiene + Dye

GUARNICIL® 220R rubber sheeting is formulated with a clear purpose: to deliver maximum mechanical durability at the best cost-benefit ratio on the market. It's the material engineers trust when they need a part to withstand heavy-duty work without compromise.

Technical Advantages of GUARNICIL® 220R:

Superior Abrasion Resistance: Thanks to its formulation with high-tech reinforcing fillers, GUARNICIL® 220R withstands friction and continuous physical wear.

Balanced Formula: This precise percentage is the engineering "sweet spot." It gives the material the necessary hardness for heavy loads while maintaining the critical elasticity to prevent fractures.

Extreme Thermal Tolerance: It does not degrade with changes in climate. It maintains its structural and mechanical properties in a demanding operating range: from -50°C to 90°C.

Long Service Life: It offers significantly greater resistance to aging and temperature than conventional rubbers, resulting in less downtime for your plant due to maintenance.

Chemical Stability: An excellent barrier against a wide variety of inorganic chemicals (ideal for environments not exposed to oxidizing acids).

GUARNICIL® 220R is the ultimate solution for:

Reliable Sealing: Manufacturing flanges, gaskets, and general-purpose industrial seals.

Mechanical Protection: Mudguards, supports, washers, and machine mounts.

Physical Insulation: Industrial coatings and curtains subjected to impact and wear.



TECHNICAL DATA

Properties:	GUARNISIL® 220R	Sheet
Composition:	SBR, Styrene Butadiene + Dye	
Flange Face:	FF - Flat Face	
Temperature, Max:	181	°F
Temperature, Continuous:	140	°F
Temperature, Min:	-4	°F
Pressure, Max:	290	psi
Density:	109.25	Lb/ft3
Hardness, Shore A:	70-75	
Elongation at break:	180	%
Tensile strength:	42.669	psi
P x T @ 1/16, Psi x °F:	19,980	
P x T @ 1/8, Psi x °F:	16,650	
Availability:	GUARNISIL® 220R	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.

