

# Garlock® Style 9200 Premium Grade Rubber Sheet

## Value and Benefits

- Combines elasticity and extensibility of rubber with strength of fabric insert
- Nylon-reinforced nitrile rubber resists leakage
- No measurable leakage in ASTM F-37 test for nitrogen sealability
- Resists extrusion; seals at very low compressive stress
- Excellent replacement for cloth-inserted rubber in water applications

## Ideal for

- Water service
- Petroleum oils
- General industrial use



## Specifications

<b>Material</b>	Nitrile with proprietary nylon insert <sup>†</sup>
<b>Hardness (Shore A), ±5</b>	70
<b>Tensile strength</b>	2,000 psi (14 MPa)
<b>Elongation, min.</b>	250%
<b>Number of plies</b>	1
<b>Thicknesses</b>	1/16", 3/32", 1/8", 3/16", 1/4"
<b>Width</b>	48"
<b>Finish</b>	Cloth
<b>Temperature, max.</b>	250°F (120°C)
<b>Internal pressure, max.</b>	250 psig (17 bar)
<b>P x T max., psig x °F (bar x °C)</b>	20,000 (600)

<sup>†</sup> Special insert completely eliminates weepage through insert.

## Ordering Information

Product Code	Thickness (inches)	Width (inches)	Lbs./Yard (approx.)	Yards/Roll (approx.)	Lbs./ Roll (approx.)
51920-0330	1/16	48	5.14	38	195
51920-0338	3/32	48	7.44	27	201
51920-0346	1/8	48	9.74	18	175
51920-0361	3/16	48	14.88	9	134
51920-0377	1/4	48	19.48	9	175

## Test Results

<b>Nitrogen Sealability,</b> ASTM F37B Gasket load = 500 psi (3.5 N/mm <sup>2</sup> ) Internal pressure = 30 psig (0.7 bar)	0 ml/hr
<b>Compression Set</b> D-395 Method B 22 hrs. @ 212°F (100°C)	50%
<b>Volume Change</b> After immersion in ASTM #1 Oil, 70 hrs. @ 212°F (100°C)	-10% to +5%



## AUTHORIZED REPRESENTATIVE



ISO 9001:2000  
Cert. #001762

### WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

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# Garlock

SEALING TECHNOLOGIES®

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