

Garlock Style 9200 Premium Grade Rubber Sheet

Specifications

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

† Special insert completely eliminates weepage through insert.



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

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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

Nitrogen Sealability, 0 ml/hr
 ASTM F37B
 Gasket load = 500 psi (3.5 N/mm²)
 Internal pressure = 30 psig (0.7 bar)

Compression Set 50%
 D-395 Method B
 22 hrs. @ 212°F (100°C)

Volume Change -10% to +5%
 After immersion in
 ASTM #1 Oil, 70 hrs. @ 212°F (100°C)



AUTHORIZED REPRESENTATIVE

Garlock
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Garlock Sealing Technologies
 1666 Division Street
 Palmyra, New York 14522 USA
 1-315-597-4811
 1-800-448-6688
 Fax: 1-800-543-0598
 1-315-597-3039

www.garlock.com

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.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice.

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Other Garlock facilities are located in:

Columbia, SC, USA
 Phone 1.803.783.1880
 Fax 1.803.783.4279

São Paulo, Brazil
 Phone 55.11.4352.6161
 Fax 55.11.4352.8181

Saint-Étienne, France
 Phone 33.4.7743.5100
 Fax 33.4.7743.5151

Singapore
 Phone 65.6285.9322
 Fax 65.6284.5843

Houston, TX, USA
 Phone 1.281.459.7200
 Fax 1.281.458.0502

Sherbrooke, Canada
 Phone 1.819.563.8080
 Fax 1.819-563.5620

Neuss, Germany
 Phone 49.2131.3490
 Fax 49.2131.349.222

Shanghai, China
 Phone 86.021.62789702
 Fax 86.021.62787826

Sydney, Australia
 Phone 61.2.9793.2511
 Fax 61.2.9793.2544

W. Yorkshire, England
 Phone 44.1422.313600
 Fax 44.1422.313601

Mexico City, Mexico
 Phone 52.555.567.7011
 Fax 52.555.368.0418

Dubai, UAE
 Phone 971.4.8833652
 Fax 971.4.8833682