



Specification Sheet

Material	Neoprene Rubber Sheet - 100% virgin neoprene (polychloroprene)
BRP Style	S1760
Finish	Smooth (Fabric Finish is Available)
ASTM Callout	ASTM D2000 2BC625A14B14C12EO14EO34F17G21

Basic Requirements

Requirement	Condition	Specification Requirements
Hardness, Original	ASTM D2240	60 ±5
Tensile, Original	ASTM D412 - PSI Min	2,500
Elongation, Original	ASTM D412 - %	400

Heat Aged, Test Method D 573, 70 h @ 100°C

Tensile Change	PSI	± 30% Max
Elongation Change	%	-50% Max
Hardness Change	Points	± 15

Oil immersion, Test Method D471, IRM 903 Oil, 70 h @ 100°C

Volume	% Max	+120
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Compression Set, Test Method ASTM D395 Solid, max, % 22 h @ 100C

Compression Set	%	80% Max
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Additional Requirements

A14 - Heat Resistance, D573, 100 hours @ 100C°

Hardness Change	Points	+ 15
Tensile Change	PSI %	- 15 Max
Elongation Change	% Max	-40% Max

B14 - Compression Set, Test Method D395 Method B, 22 h @ 100°C, max. %

Compression Set	% Max	35% Max
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C12 - Resistance to Ozone, Test Method D1171

		100
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EO14 - Fluid Resistance, Test Method D471IRM 901 Oil, 70 h @ 100 C°

Change in Hardness	Pts	±10
Tensile Change	PSI	- 30% Max
Elongation Change	% Max	- 30% Max
Change in Volume	% Max	- 10 to +15

EO34 - Fluid Resistance, Test Method D471IRM 903 Oil, 70 h @ 100 C°

Change in Tensile	PSI	- 70% Max
Elongation Change	% Max	- 55% Max
Volume	% Max	+120

F17 - Low Temperature Brittleness, Test Method D2137, Method C, 9.3.3, 3 min @ -40 C°

	Non-brittle after 3 min.	Pass
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G21 - Tear Resistance, Test Method D624, Die C* Under 7.0 MPa tensile load, min, kN/m

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Operating Temperature Range -40 - 220° F