



## Specification Sheet

<b>Material</b>	<b>Neoprene Rubber Sheet</b>
BRP Style	BC415
Finish	Smooth (Fabric Finish is Available)
ASTM Callout	ASTM D2000 2BC415A14B14C12EO34F17

## Basic Requirements

Requirement	Condition	Specification Requirements
Hardness, Original	ASTM D2240	40±5
Tensile, Original	ASTM D412 - PSI Min	1,500
Elongation, Original	ASTM D412 - %	500

### 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 S, max, %22 h 22 hr @ 100C

Compression Set	%	80% Max
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Operating Temperature Range -40 - 220° F

## Additional Requirements

### A14 - Heat Resistance, D573, 70 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**

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

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

**F17 - Low Temperature Brittleness, Test Method D2137, Method A, 9.3.2, @-40 C°**

	Non-brittle after 3 min.	Pass
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