

BRP Manufacturing Company
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Specification Sheet

Material	Nitrile Rubber Sheet
BRP Style	CB50
Finish	Smooth (Fabric Finish is Available)
ASTM Callout	ASTM D2000 1BG510

Basic Requirements

Requirement	Condition	Specification Requirements
Hardness, Original	ASTM D2240	50±5
Tensile, Original	ASTM D412 - PSI Min	1,000
Elongation, Original	ASTM D412 - %	350

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 Change	% Max	+ 40
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Compression Set, Test Method ASTM D395 S, max, % 22 h @ 100C

Compression Set	%	50 % Max
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Effective Temperature Range -20° - 212° F