

BRP Manufacturing Company
 637 North Jackson Street
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Specification Sheet

Material	Nitrile Rubber Sheet
BRP Style	BG415
Finish	Smooth (Fabric Finish is Available)
ASTM Callout	ASTM D2000 M2BG410A14B14EA14EF11EO34F17

Basic Requirements

Requirement	Condition	Specification Requirements
Hardness, Original	ASTM D2240	40±5
Tensile, Original	ASTM D412 - PSI Min	1,500
Elongation, Original	ASTM D412 - %	450

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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Operating Temperature Range -20° - 212° F