



Specification Sheet

Material	EPDM Rubber Sheet, Peroxide Cure
BRP Style	CA815
Finish	Smooth (Fabric Finish is Available)
ASTM Callout	ASTM D2000 2CA815A25B44C32F17G21Z, Z=PEROXIDE CURE EPDM

Basic Requirements

Requirement	Condition	Specification Requirements
Hardness, Original	ASTM D2240	80±5
Tensile, Original	ASTM D412 - PSI Min	1,500
Elongation, Original	ASTM D412 - %	150

Heat Aged, Test Method D 573, 70 h @ 125°C

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

Oil Immersion

		No Requirement
--	--	----------------

Compression Set, Test Method ASTM D395 S, max, % 22 h @ 100° C

Compression Set	%	60% Max
-----------------	---	---------

Additional Requirements

A25 - Heat Resistance, D865, 70 hours @ 125C°

Hardness Change	Points	+ 10
Tensile Change	PSI %	- 20 %Max
Elongation Change	% Max	- 40% Max

B44 - Compression Set, Test Method D395 Method B, 22 h @ 100° C, plied max. %

Compression Set	% Max	35% Max
-----------------	-------	---------

BRP Manufacturing Company
637 North Jackson Street
Lima, Ohio 45802
Phone: 419-228-4441
Fax: 419-222-5010
Toll free: 800-858-0482



C32 - Resistance to Ozone, Test Method D1171, Exposure Method B

		100
--	--	-----

EA14 Water Resistance Method D 47, 70 h @ 100 ° C

		± 5
--	--	-----

F17 - Low Temperature Resistance, Test Method D2137, Method C, 9.3.3, @-40 C°

	Non-brittle after 3 min.	Pass
--	--------------------------	------

G21 - Tear Resistance, Test Method D624, Die C min, KN/m

	17	Pass
--	----	------