

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



## Specification Sheet

<b>Material</b>	<b>Epichlorohydrin Rubber Sheet</b>
BRP Style	CH608 - Style 4804
Finish	Smooth or Nylon
ASTM Callout	ASTM D2000 2CH608A25B14C12F17

## Basic Requirements

Requirement	Condition	Specification Requirements
Hardness, Original	ASTM D2240	60±5
Tensile, Original	ASTM D412 - PSI Min	1,200
Elongation, Original	ASTM D412 - %	250

### Heat Aged, Test Method D 865, 70 h @ 125°C

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

### Oil immersion, Test Method D471, IRM 903 Oil, 70 h @ 125°C

Volume Change	% Max	+30
---------------	-------	-----

### Compression Set, Test Method ASTM D395 Solid, max, % 22 h @ 100C

Compression Set	%	50% Max
-----------------	---	---------

## Additional Requirements

### A25 - Heat Resistance, D573, 70 hours @ 100C°

Hardness Change	Points	0 to +15
Tensile Change	PSI	-25% Max
Elongation Change	%	-50% Max

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

Compression Set	% Max	25% Max
-----------------	-------	---------

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

---



---

**C12 - Resistance to Ozone, Test Method D 1171**

	% Max	25% Max
--	-------	---------

---

**Low Temperature Brittleness, Test Method D2137 Method C, 9.3.3non brittle after 3 mins. @ -40° C**

		Pass
--	--	------

Operating Temperature: -40 to 250° F