

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

| | |
|-----------------|---|
| Material | Epichlorohydrin Rubber Sheet |
| BRP Style | CH711 - Style 4820 |
| Finish | Smooth or Nylon |
| ASTM Callout | ASTM D2000 2CH711A25B14C12F17 / M2CH708A25B14C12F17 |

Basic Requirements

| Requirement | Condition | Specification Requirements |
|----------------------|---------------------|----------------------------|
| Hardness, Original | ASTM D2240 | 70±5 |
| Tensile, Original | ASTM D412 - PSI Min | 1,200 |
| Elongation, Original | ASTM D412 - % | 200 |

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

| | | |
|-------------------|--------|-----------|
| Tensile Change | Max. % | ± 30 |
| Elongation Change | Max. % | - 50 |
| Hardness Change | Points | ± 15 Pts. |

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

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

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

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

Additional Requirements

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

| | | |
|-------------------|--------|-----------|
| Hardness Change | Points | - 0/+15 |
| Tensile Change | Max. % | - 25% Max |
| Elongation Change | Max. % | - 50 Max. |

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

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

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C12 - Resistance to Ozone, Test Method D 1171

| | | |
|--|--|------|
| | | Pass |
|--|--|------|

**F17 - Low Temperature Brittleness, Test Method D2137 Method C, 9.3.3 non brittle after 3 mins.
@ -40° C**

| | | |
|--|--|------|
| | | Pass |
|--|--|------|

Operating Temperature: -40 to 250° F