



# RubberSource Inc.

Products Engineered To Exceed Requirements

## RS-5985 Material Specification Sheet

**A black chlorobutyl lining with good chemical and heat resistance up to 230°F.**

**A Special soft white Chlorobutyl Lining for General chemical resistance. FDA Approved**

### ASTM /Test Requirements

Hardness (ASTM D2240)	35-45 Shore A
Tensile (ASTM D412)	1000 psi min.
Elongation (ASTM D412)	400% min.
Tear (Die C)	165 Lb/Lin. In.
Service Temperature	200°F max.
Specific Gravity	1.18

**Available Gauges:** 1/8", 1/4", 3/16" 1/2"

### Adhesive System:

1 <sup>st</sup> Coat on Metal	Chemlok 289
2 <sup>nd</sup> Coat on Metal	Chemlok 290
3 <sup>rd</sup> Coat on Metal	Chemlok 286
4 <sup>th</sup> Coat on Rubber	Chemlok 286

### Resistance to:

Acid (Concentrated)	Excellent
Acid (Dilute)	Excellent
Salt Solutions	Excellent
Oxygenated Solvents	Good
Animal & Vegetable Oils	Good
Oil & Gasoline	Poor
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### Cure for up to 1/4" Thickness:

**Pressure Cure (Autoclave):** 2 Hrs. @ 250°F  
**Internal Steam:** 1 Hr Rise to 250°F  
 Hold @ 250°F for 2 Hrs.  
**Atmospheric:** 24 Hrs @ 212°F

**Repairs:** Make repairs with original lining material

For Additional Material Recommendations  
 Please contact RubberSource at  
 1-877-660-4440

### Atmospheric Aging

Low Temperature Flexibility	Good
Moisture Resistance	Good
Compression Set	Good
Permeability	Good
Abrasion Resistance	Good

Typical Uses:

- Storage Vessels
- Rail Cars

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