



# Rubber Source Inc.

Products Engineered To Exceed Requirements

## Uniroyal Permobond® 5982 Material Specification Sheet

Uniroyal Permobond 5982 (High Temperature Chlorobutyl) exhibits a high level of heat and heat aging resistance to 260°F. It has good resistance to a broad array of general chemical solutions.

### ASTM /Test Requirements

Hardness (ASTM D2240)	55 – 65 Shore A
Tensile (ASTM D412)	1200 psi min.
Elongation (ASTM D412)	550% min.
Tear (Die C)	165 Lb/Lin. In.
Service Temperature	260°F max.
Specific Gravity	1.13

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 Metal or Rubber	Chemlok 286

### Resistance to:

Acid (Concentrated)	Excellent
Acid (Dilute)	Excellent
Salt Solutions	Excellent
Oxygenated Solvents	Good
Animal & Vegetable Oils	Good
Oil & Gasoline	Poor
Oil & Gasoline	Poor

Seams: Open-skive seam construction

### 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 2 Hrs.
Atmospheric	24 Hrs @ 212°F

### Atmospheric Aging

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

Repairs: Make repairs with original lining material

For Additional Material Recommendations  
Please contact Rubber Source at  
1-877-660-4440.

### Typical Uses:

- Piping & Chutes
- Storage Vessels
- Rail Cars

[www.rubbersource.ca](http://www.rubbersource.ca)