



## **Uniroyal Permobond® 5661 Material Specification Sheet**

A General Purpose Flexible Semi Hard Natural Rubber Lining that is designed for excellent resistance to a wide range of solutions.

### **ASTM /Test Requirements**

Hardness (ASTM D2240)	90(+/-5)Shore A
Tensile (ASTM D412)	2000 psi min.
Elongation (ASTM D412)	100% min.
Tear (Die C)	450 Lb/Lin. In.
Service Temperature	200°F max.
Specific Gravity	1.13

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

### **Adhesive System:**

1 <sup>st</sup> Coat on Metal	C-193
2 <sup>nd</sup> Coat on Metal	C-194
3 <sup>rd</sup> Coat on Metal	C-195
4 <sup>th</sup> Coat on Metal or Rubber	C-195

### **Resistance to:**

Abrasion, Sliding	Good
Abrasion, Impingement	Good
Salt Solutions	Good
Acid (Dilute)	Good
Acid (Concentrated)	Good
Animal & Vegetable Oils	Poor
Oil & Gasoline	Poor

### **Cure for up to 1/4" Thickness:**

Pressure Cure (Autoclave)	2 Hrs @ 250°F
Atmospheric Cure	1 <sup>st</sup> -6 hrs. from Room Temp to 160° 2 <sup>nd</sup> - 24 hrs. @ 180°F

### **Atmospheric Aging**

Atmospheric Aging	Fair
Low Temperature Flexibility	Good
Compression Set	Good
Permeability	Fair

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

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

**Typical Uses:**  
- Storage Vessels