



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 including water treatment.

ASTM /Test Requirements

| | |
|------------------------|-----------------|
| Hardness (ASTM D2240) | 90(+/-5)Shore A |
| Tensile (ASTM D412) | 1,500 psi min. |
| Elongation (ASTM D412) | 116% min. |
| Tear (Die C) | 126 Lb/Lin. In. |
| Service Temperature | 200°F max. |
| Specific Gravity | 1.30 |

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

Adhesive System:

| | |
|---|-------|
| 1 st Coat on Metal | C-193 |
| 2 nd Coat on Metal | C-194 |
| 3 rd Coat on Metal | C-195 |
| 4 th 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 st -6 hrs. from Room Temp to 160° 2 nd - 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