



Rubber Source Inc.

Products Engineered To Exceed Requirements

Uniroyal Permobond® 5375 Material Specification Sheet

A Graphite Hard Ebonite Rubber Lining that is designed for excellent resistance to a wide range of solutions including resistance to wet or dry chlorine gas. FDA compliant

ASTM /Test Requirements

Hardness (ASTM D2240)	45(+/-5)Shore D
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 st Coat on Metal	Chemlok 289
2 nd Coat on Metal	Chemlok 290
3 rd Coat on Metal	Chemlok 286
4 th Coat on Metal or Rubber	Chemlok 286

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

USES:
Storage Vessels
Transportation

www.rubbersource.ca