



RS 5610 Material Specification Sheet

The RS-5610 (Black Bromobutyl) Protective Rubber Lining allows the same workability as other butyl linings but exhibits stronger physical characteristics than the other butyl counterparts. The RS-5610 comes with a proprietary bonding layer for added adhesion. The RubberSource bonding layer also will give the same service condition resistance as the face stock. The 5610 can handle constant temperatures of 260°F (127°C) with temperature spikes to 310°F (154°C).

ASTM /Test Requirements

Hardness (ASTM D2240)	55 – 65 Shore A
Tensile (ASTM D412)	2200 psi min.
Elongation (ASTM D412)	500% min.
Tear (Die C)	165 Lb/Lin. In.
Service Temperature	260°F constant
Specific Gravity	1.20

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

Adhesive System:

1 st Coat on Metal	RS-928
2 nd Coat on Metal	RS-209
3 rd - Coat on Metal	RS-BB420
4 th Coat on Rubber	RS-BB420

Resistance to:

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

Cure for up to 1/4" Thickness:

Pressure Cure (Autoclave):	2 Hrs. @ 250°
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

Seams: Closed Skives

For Additional Material Recommendations
Please contact Rubber Source at 519-620-4440

Atmospheric Aging

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

Typical Uses

- Piping
- Storage Vessels
- Thickeners / Clarifiers
- Chutes