



# Rubber Source Inc.

Products Engineered To Exceed Requirements

## RS-5549 Material Specification Sheet

A SBR compound that has great moulding characteristics with good balance of physical properties for exceptionally high abrasion resistance

### ASTM /Test Requirements

Hardness (ASTM D2240)	55 – 65 Shore A
Tensile (ASTM D412)	3000 psi min.
Elongation (ASTM D412)	550% min.
Tear (Die C)	325 Lb/Lin. In.
Service Temperature	180°F max.
Specific Gravity	1.13

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

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

**Seams:** Open-skive seam construction

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

Pressure Cure (Autoclave)	2 Hrs @ 250°F
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### Atmospheric Aging

Moisture Resistance	Excellent
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:**  
Moulding  
Mining Equipment

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