RS-0555 Material Specification Sheet

The RS-0555 a high polymer content Lead Cure Neoprene – Engineered with enhanced cut & chip abrasion resistance specifically designed for the Oilsands environment. The high polymer content increases the wear resistance and permeability while maintaining the excellent organics resistance. With the lead cure in package and through higher levels of filler loading improves the levels of cross linking so it gives exceptional resistance to oils, abrasion, and swelling in aqueous solutions / slurries.

ASTM /Test Requirements

Hardness (ASTM D2240)	50 – 60 Shore A
Tensile (ASTM D412)	3700 psi min.
Elongation (ASTM D412)	830% min.
Modulus - 300%	690
Service Temperature	220°F max.
Specific Gravity	1.38

Available Gauges: ⅛", 3/16" ¼",3/8", ½"

Adhesive System:

1st Coat on Metal	Chemlok 205
2nd Coat on Metal	Chemlok 252
3rd Coat on Metal	RS-CR184
4th Coat on Metal or Rubber	RS-CR184

Resistance to:

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

Cure for up to ¼" Thickness:

Pressure Cure (Autoclave)	*2 Hrs @ 250°F
*Cure times & temps are guidelines based on lab conditions that need to be determined in applicator's equipment.	

Atmospheric Aging

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

Repairs: Make repairs with original lining material

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

Typical Uses
- Piping & Chutes
- Thickners & Clarifiers
- Storage Vessels