



RS-0013 Material Specification Sheet

RS-0013(Natural Tan) has excellent physical properties, like tensile strength, abrasion resistance, and elongation. As well has good resistance to most inorganic chemicals, with the exception of strong oxidizing agents. RS-0013 is flexible and will expand and contract with thermal variations of the metal substrate.

ASTM /Test Requirements

Hardness (ASTM D2240)	35 – 45 Shore A
Tensile (ASTM D412)	3200 psi min.
Elongation (ASTM D412)	650% min.
Tear (Die C)	200 Lb/Lin. In.
Service Temperature	180°F max.
Specific Gravity	.98

Available Gauges: 1/8", 3/16" 1/4", 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	Excellent
Abrasion, Impingement	Excellent
Salt Solutions	Excellent
Salt Solutions	Excellent
Acid (Dilute)	Good
Acid (Concentrated)	Fair
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
Internal Steam	1 Hr Rise to 250F Hold 250F 2 Hrs.
Atmospheric	24 Hrs @ 212F

* Cure times and temperatures are guidelines based on lab conditions that need to be determined in applicator's equipment.

Atmospheric Aging

Moisture Resistance	Excellent
Low Temperature Flexibility	Excellent
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

- Piping
- Storage Vessels
- Thickeners / Clarifiers
- Chutes

Storage: Store in cool and dry area.

Shelf Life: Stored below 50 F (10 C) = 180 days