



Rubber Source INC.

MAGNUM SERIES

RS 2275 Material Specification Sheet

A proprietary Nitrile / Natural rubber blend (MOR - Moderate Oil Resistance). The 2275 is a polar-type lining used where there may be exposure to aliphatic hydrocarbons in a service condition. With the blend of Natural Rubber this excellent physical properties, such as tensile strength, abrasion resistance, and elongation. RS-2275 is flexible and will expand and contract with thermal variations of the metal substrate. The RS-2275 comes with a bonding layer for added adhesion

ASTM /Test Requirements

Hardness (ASTM D2240)	55 – 65 Shore A
Tensile (ASTM D412)	3200 psi min.
Elongation (ASTM D412)	500% min.
Tear (Die C)	450 Lb/Lin. In.
Service Temperature	170°F max.
Specific Gravity	1.11

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)	Fair
Animal & Vegetable Oils	Fair
Oil & Gasoline	Fair

Seams: Closed-skive seam construction

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

Typical Uses

- Piping
- Storage Vessels
- Thickeners / Clarifiers
- Chutes