



Val-Rite™ Series Roll Coverings for Industry



- Outstanding Resiliency
- Excellent Heat Stability up to 275° F
- Excellent Hardness Stability
- Resistance to Hydrocarbons
- Resistance to Caustics
- Low Swell Properties

Valley Roller's Val-Rite™ series offers improved roll covering performance that has helped our customers achieve substantial productivity improvements. The Val-Rite™ family of coverings were specifically designed to improve mechanical properties, enhance resistance to hot aqueous media, enhance heat aging and maintain competitive value in the general industrial roll market. Today Val-Rite™ roll coverings are being used in a variety of industries and applications. These coverings are available in a wide range of hardness from 35–95 Shore A. Val-Rite™ Series roll covers offer excellent resilience and hardness stability in service temperatures up to 275° F.

VAL-RITE™ PHYSICAL PROPERTIES

Hardness Range	20-99 Shore A
Abrasion Resistance	Good
Tear Strength	Good
Load Bearing	Excellent
Hysteresis	Very Good
Resistance to Denting	Excellent
Service Temperature	275° F
Ozone Resistance	Good
Resiliency	Excellent
Recommended Covering Thickness	.25- 1.00"

VAL-RITE™ CHEMICAL RESISTANCE

Acids	Average
Caustics	Excellent
Aliphatic Hydrocarbons	Excellent
Aromatic Hydrocarbons	Average
Chlorinated Hydrocarbons	Poor
Water	Excellent
Keytones	Poor
Alcohol	Very Good
Esters	Poor
Glycols	Fair

Val-Rite™ Applications

Tissue Converting

- Applicator Rolls
- Marriage Rolls

Plastics

- Draw Rolls
- Web Stretchers
- Hot Bath

Pulp and Paper

- Wire and Felt
- Couch
- Sludge Press

Flexographic Printing

- Fountain Rolls
- Tint Rolls
- Laser Engraved Sleeves

General Industrial

- Feed Rolls
- Idler Rolls
- Nip Rolls

Does the covering see heat? Is the environment wet or dry? Are chemicals involved? Will the roller carry a load? How fast does your line run? Do you need to run faster? Is your substrate smooth or abrasive? These are all important parameters to assess in order to select the right covering for your application. The process of choice can be confusing. However, know that you have help on your side. Your Valley Roller Technical Sales Representative will walk you through the process of choice so your roll is covered with the right roll cover the first time. Your representative will ask the right questions, understand your goals, and work with you from concept to installation and beyond to insure that your roll cover is performing the way it should.

CUSTOM SIZES AND OPTIONS AVAILABLE

Speak with an expert!

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