



VALLEY ROLLER

Dura-Coat® Series Roll Covering



Excellent Abrasion Resistance with Wide Variety of Options

Valley Roller's Dura-Coat® series offers improved roll covering performance and has helped our customers achieve substantial productivity improvements. This family of coverings has been used extensively across many applications for the balance of physical properties and chemical resistance. Dura-Coat® coverings are used in a variety of industries and applications where heat, ozone, and abrasion resistance are performance requirements. Dura-Coat® covers exhibit good heat stability up to 300° F and are available in a range of hardness from 35 to 95 Shore A.

Run better, faster and smarter with Valley Roller coverings from Maxcess.



Key Features & General Specifications



- **Helps rolls run better and longer with increased resiliency and excellent heat stability up to 300° F**
- **Decrease downtime with Dura-Coat's outstanding wear characteristics**
- **Resistance to hot aqueous media, caustics, acids**
- **Longer roll life and longer time between re-grinds**
- **Available varieties include: Anti-Static, Conductive, Corona Treater, Release**

Unique properties:

*Outstanding Resiliency
Excellent Heat Stability up to 300° F
Low coefficient of Friction
Excellent Ozone Resistance*

Broad Range of Chemical Resistance:

*Resistance to hot aqueous media
Resistance to Caustics
Resistance to Acids
Low Swell Properties*

Outstanding Wear Characteristics:

*Excellent Tear Strength
Superior Abrasion Resistance
Longer Roll Life
Longer Time Between Re-grind's*

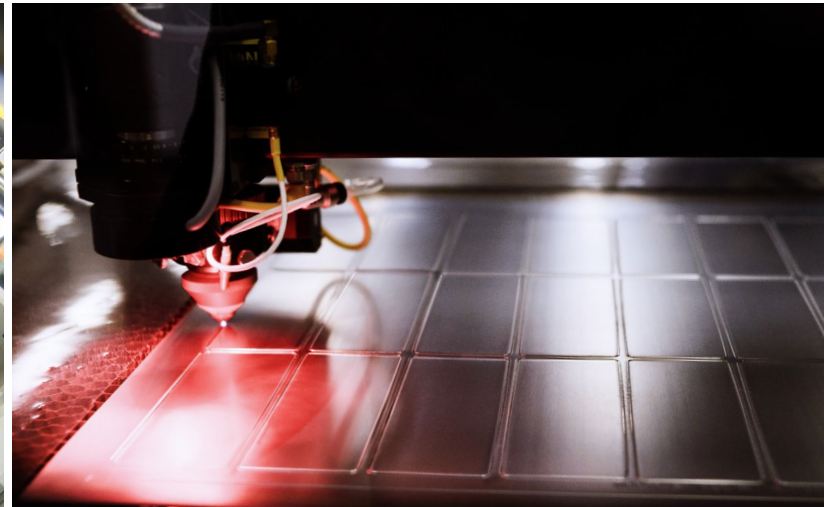
Dura-Coat®

Dura-Coat is perfect for the following applications:

- Billy Roller*
- Bump Roll*
- Contact Roller*
- Draw Roller*
- Drive Roll*
- Embossing Roll*
- Extruder Nip Roller*
- Grooved Feed Roll*
- Idler Roll*
- Knife Roll*
- Laminator Roll*
- Lay-On Roll*
- Post Gussett Nip Roll*
- Primary Nip Roll*
- Secondary Nip Roller*
- Stretcher Roll*
- Squeegee Roller*
- Winder Nip Drum*
- Winding Drum*

PHYSICAL PROPERTIES	
Property	Dura-Coat
Hardness Shore A	30-95
Tensile Strength	Good
Modulus	Very Good
Cut Resistance	Good
Resistance to Denting	Good
Resilience	Fair
Hysteresis	Good
Abrasion Resistance	Excellent
Ozone Resistant	Excellent
Max Service Temp.	300° F

SOLVENT / CHEMICAL RESISTANCE	
Solvent / Chemical	Dura-Coat
Acid	Excellent
Caustic	Excellent
Aliphatic Hydrocarbon	Good
Aromatic Hydrocarbon	Fair
Chlorinated Hydrocarbons	Poor
Esters	Good
Alcohol	Very Good
Water	Very Good
Glycols	Very Good
Ketones	Good



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