

# WireMax™

## Designed for superior traction & durability

Whether energy is being transferred from the roll to the wire or from the wire to the roll, WireMax™ will optimize your efficiency, dramatically reduce slippage and save you money in energy costs and premature wire wear. Softer WireMax™ covers last longer and provide more coefficient of friction than bone hard rubber covers. Finally, hydrophobic polyurethane roll cover technology specifically designed for the wet end of a paper machine.

### APPLICATIONS

Breast rolls, wire rolls, felt rolls, guide rolls, chemi-washer rolls, paper rolls, forming rolls, wire drive rolls, wire return rolls, take off rolls and other non-nipped rolls.

### COVER ATTRIBUTES • ADVANTAGES & BENEFITS

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|----------------------------|--|
| <b>TRACTION</b>            | • Dramatic reduction in slippage equals longer clothing life.  |
| <b>HYDROPHOBICITY</b>      | • Does not absorb ANY water. NEVER needs to be "dried out".  |
| <b>DURABILITY</b>          | • <b>7X</b> more abrasion resistant than bone hard rubber (0-1 P&J).   |
| <b>DOCTORABILITY</b>       | • Can be doctored with composite, steel, or UHMW blades.   |
| <b>RELEASE</b>             | • Surface morphology provides for exceptional sheet release.   |
| <b>STRESS RELIEVED</b>     | • No "edge lifting" or cracking.   |
| <b>LESS ABRASIVE</b>       | • Bone hard (0-1 P&J) rubber covers can contain <b>3X</b> more abrasive fillers in them that cause premature wire and felt wear. |
| <b>CHEMICAL RESISTANCE</b> | • Compatible with virtually all chemicals used with any grade of paper.  |
| <b>BOND STRENGTH</b>       | • WireMax™ cover's bond strength exceeds its tensile strength.   |



WireMax™ grips like interlocking tread with superior durability.

### PERFORMANCE DATA

Trade Name.....	WireMax™
Color.....	Dark Blue
Cover Hardness.....	4 - 25 P&J
Cover Thickness.....	1/4" – 1" (6 – 25mm)
Max. Operating Temperature..	200°F (93°C)
<b>Chemical Resistance</b>	
Mild Acids.....	Good
Mild Alkalis.....	Good
Hot Caustics.....	Good
Hot Water.....	Good
<b>Physical Properties</b>	
Tensile Strength.....	Excellent
Bond Strength.....	Excellent
Impact Resistance.....	Excellent
Coefficient of Friction.....	Excellent (Superior at 200°F)
Release.....	Excellent
Water Absorption.....	Superior

**DuraTrax™ Polyurethane Roll Covers** are custom engineered for the toughest applications in a paper machine. DuraTrax™ covers are made using proprietary equipment and materials that defy conventional roll covering guidelines and expectations. DuraTrax™ covers give the customer all the benefits that modern chemistry and engineering have to offer.

WireMax™ is a proprietary polyurethane compound formulated by IPS, Inc. WireMax™ is only available through IPS, Inc.'s global network of licensees.

Contact OIR for a comprehensive Technical Data sheet on WireMax™ roll covers or any of the DuraTrax™ family of roll covers.



**Industrial Polymer Solutions, Inc.**  
 1129 B Dale Lane  
 Mount Vernon, WA 98274 USA  
 P: +1(360) 428-2038, F: +1(360) 428-2068  
 info@industrialpolymersolutions.com



**Oregon Industrial Repair, Inc.**  
 1885 16th Street S.E.  
 Salem, Oregon 97308-1053 USA  
 P: +1 (503) 399-1926, F: +1 (503) 588-3499  
 E: oirsales@oirinc.com