

# WireMax™

DURATrax™ Family of Polyurethane Roll Covers



Go Further with Triosim

## 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.

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.

### 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

<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>	7X 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 3X 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



### PERFORMANCE DATA

<b>Trade Name</b> .....	WIREMax™
<b>Color</b> .....	Dark Blue
<b>Cover Hardness</b> .....	4 - 25 P&J
<b>Cover Thickness</b> .....	1/4" - 1" (6-25mm)
<b>Max. Operating Temperature</b> ..	200°F (93°C)
<b>Chemical Resistance</b>	
Mild Acids.....	Good
Mild Alkalis.....	Good
Hot Caustics.....	Good
Hot Water.....	Good

### Physical Properties

<b>Tensile Strength</b> .....	Excellent
<b>Bond Strength</b> .....	Excellent
<b>Impact Resistance</b> .....	Excellent
<b>Coefficient of Friction</b> .....	Excellent (Superior at 200°F)
<b>Release</b> .....	Excellent
<b>Water Absorption</b> .....	Superior

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



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