



# WireTrax™



**WireTrax™ polyurethane roll covers are custom engineered for the wet end of a paper machine. WireTrax™ covers provide optimum traction, durability, doctorability and hydrophobicity. Finally, polyurethane technology for the wet end of a paper machine.**

The use of polyurethane roll covers is rapidly overtaking the use of rubber covers in the press section of a paper machine. Polyurethane polymers last longer and perform better. Now WireTrax™ offers the same benefits over rubber for the wet end of a paper machine. Use softer covers with better durability than bone hard roll covers. Increase your coefficient of friction, reduce your slippage and prevent premature fabric wear. More traction means less horsepower to drive your wires and felts.

**APPLICATIONS:** Breast rolls, wire rolls, felt rolls, guide rolls, wire return rolls, forming rolls and other non-nipped rolls

## COVER ATTRIBUTES

- Hydrophobicity
- Durability
- Doctorability
- Release
- Stress Relieved
- Coefficient of Friction
- Chemical Resistance

## ADVANTAGES & BENEFITS

- Does not absorb ANY water. Never needs to be removed to dry out
- Has up to **5X** the abrasion resistance of bone hard rubber
- Can be doctored with composite, steel, or UHMW blades
- Surface morphology provides for exceptional sheet release
- No "edge lifting"
- Drastically reduces slippage and prevents premature fabric wear
- Compatible with all white water chemicals used with any grade of paper.

## PERFORMANCE DATA



Trade Name .....	WireTrax™
Color .....	Black
Cover Hardness .....	4 – 25 P&J
Cover Thickness .....	1/4" – 1" (6 – 25mm)
Operating Temperature .....	175°F (80°C)
Chemical Resistance	
Mild Acids .....	Good
Mild Alkalis .....	Good
Hot Caustics .....	Fair
Hot Water .....	Good
Physical Properties	
Tensile Strength .....	Good
Bond Strength .....	Excellent
Impact Resistance .....	Good
Coefficient of Friction .....	Excellent
Release .....	Excellent
Water Absorption .....	Excellent

*WireTrax™ is a proprietary polyurethane compound formulated by IPS, Inc. and only available via IPS, Inc.'s global network of licensees. IPS, Inc.'s polyurethane products are custom blended to the highest standards in the industry and every batch is quality checked against stringent quality control measures.*

**Please contact IPS, Inc. or CanMec Pulp and Paper Equipment for complete roll cover technical data and chemical resistance charts.**



CanMec Pulp and Paper Equipment • 3453 Chemin des Chutes •  
La Baie, Quebec G7B-3P9 Canada • (P) +1(418) 544-3391 •  
(F) +1(418) 544-0848 • info@canmec.com



Industrial Polymer Solutions, Inc. • PO Box 440429 •  
Kennesaw, GA 30160 • (P) +1(404) 414-7540 • (F) +1(770) 426-0129 •  
info@industrialpolymersolutions.com