

FeltTrax™

Designed for extreme conditions

Whether it is severe abrasion, doctoring or temperature, FeltTrax™ can handle it. FeltTrax™ is revolutionary in that it can handle the higher temperatures found around the size press and still be soft enough (15 P&J) at application temperature to dramatically reduce slippage with the wire or felt. Finally, a roll cover that is designed for the traction you need, yet also offers the papermaker unsurpassed abrasion resistance, hydrophobicity, thermal stability and doctorability.

APPLICATIONS

Breast rolls, wire rolls, felt rolls, guide rolls, chemi-washer rolls, paper rolls, forming rolls, lead in / out rolls and other non-nipped rolls.

COVER ATTRIBUTES • ADVANTAGES & BENEFITS

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| TRACTION | • Dramatic reduction in felt slippage equals longer clothing life. |
| HYDROPHOBICITY | • Does not absorb ANY water. NEVER needs to be "dried out". |
| DURABILITY | • 5X more abrasion resistant than bone hard rubber (0-1 P&J). |
| DOCTORABILITY | • Can be doctored with composite, steel, or UHMW blades. |
| RELEASE | • Surface morphology provides for exceptional sheet release. |
| STRESS RELIEVED | • No "edge lifting" or cracking. |
| THERMAL STABILITY | • Maintains hardness profile and resists thermal degradation. |
| CHEMICAL RESISTANCE | • Compatible with virtually all chemicals used with any grade of paper. |
| BOND STRENGTH | • FeltTrax™ cover's bond strength exceeds its tensile strength. |



FeltTrax™ can handle the higher temperatures & still be soft enough to dramatically reduce slippage.

PERFORMANCE DATA

Trade Name	FeltTrax™
Color	Dark Blue
Cover Hardness	2 P&J
Cover Thickness	1/4" – 1" (6 – 25mm)
Max. Operating Temperature ..	250°F (121°C)
Chemical Resistance	
Mild Acids	Excellent
Mild Alkalis	Excellent
Hot Caustics	Good
Hot Water	Excellent
Physical Properties	
Tensile Strength	Excellent
Bond Strength	Excellent
Impact Resistance	Good
Coefficient of Friction	Good (Excellent at 250°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.

FeltTrax™ is a proprietary polyurethane compound formulated by IPS, Inc. FeltTrax™ 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.



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