

# ReelMax™

DURA<sup>Trax</sup>™ Family of Polyurethane Roll Covers

TRIOSIM  
CORPORATION

Go Further with Triosim

## With Superior Traction, Impact Resistance & Durability

ReelMax™ polyurethane reel spool covers provide the durability you expect from press roll cover polyurethanes while protecting the reel drum from damage. ReelMax™ covers are exceptionally difficult to cut and cuts that do occur will not propagate like they do with rubber covers, rather, they will close up and self “heal”. Most importantly, ReelMax™ is a composite cover which means that it's optimally filled polyurethane matrix imparts unparalleled traction properties for tighter turn-ups and less wasted paper.

### APPLICATIONS

Reel spools, reel drums and winder drums.

COVER ATTRIBUTES	ADVANTAGES & BENEFITS
TRACTION	Tighter turn-ups and less wasted paper equal money saved.
CUT RESISTANCE	Resists knife cuts. Toughest cover to cut in the paper industry.
DURABILITY	Up to 7X more abrasion resistant than rubber covers.
IMPACT RESISTANCE	Dramatically reduced damage from hoists and primary arms.
RELEASE	Surface morphology provides for exceptional sheet release.
STRESS RELIEVED	Cuts that do occur will close up and self “heal”. Cuts will not propagate like they do with rubber covers.
NOISE REDUCTION	Virtually noiseless loading onto the reel drum.
VIBRATION DAMPENING	Smoother turn-ups means fewer wrinkles and less wasted paper.
BOND STRENGTH	ReelMax™ cover's bond strength exceeds its tensile strength.

**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.

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

Contact Triosim Corporation for a comprehensive Technical Data sheet on ReelMax™ roll covers or any of the DuraTrax™ family of roll covers.



ReelMax™ roll cover with optimally filled polyurethane matrix impart superior traction properties for tighter turn-ups & less wasted paper.

### PERFORMANCE DATA

Trade Name.....	ReelMax™
Color.....	Dark Blue
Cover Hardness.....	5 -40 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 (Superior at less than 10 P&J)
Bond Strength.....	Excellent
Impact Resistance.....	Superior
Coefficient of Friction.....	Excellent (Superior at 30 P&J)
Release.....	Excellent (No Sheet Floating)
Abrasion Resistance.....	Superior

 **FERTILLA**<sup>®</sup>  
MACHINE AND GRINDING

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