

ReelMax™

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

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| 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. |



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)
Chemical Resistance	
Mild Acids.....	Good
Mild Alkalis.....	Good
Hot Caustics.....	Good
Hot Water.....	Good
Physical Properties	
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

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 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