

ReelExtreme™

Our most technically advanced reel spool cover

ReelExtreme™ is essentially a “dead” product that absorbs virtually all of the energy applied to it. This means that the roll cover will not bounce or vibrate when loaded onto the reel drum and turn-ups begin instantly with less wasted paper from wrinkles and slippage. ReelExtreme™ covers are extremely impact resistant and provide the spool with the greatest protection from reel drums, hoists, primary arms and journal stands. ReelExtreme™ is also the most abrasion resistant cover we manufacture and will provide years of reliable service.

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 10X 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 | • ReelExtreme™ uses a special PolyFuse™ bonding system usually reserved for press roll applications. Bond strength far exceeds the tensile strength of the polymer. |



ReelExtreme™ is also the most abrasion resistant cover we manufacture and will provide years of reliable service.

PERFORMANCE DATA

Trade Name.....	ReelExtreme™
Color.....	Violet
Cover Hardness.....	5 - 60 P&J
Cover Thickness.....	1/4" – 1.25" (6 – 25mm)
Max. Operating Temperature..	200°F (93°C)
Chemical Resistance	
Mild Acids.....	Good
Mild Alkalis.....	Good
Hot Caustics.....	Poor
Hot Water.....	Poor
Physical Properties	
Tensile Strength.....	Superior
Bond Strength.....	Superior
Impact Resistance.....	Superior
Coefficient of Friction.....	Superior
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.

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