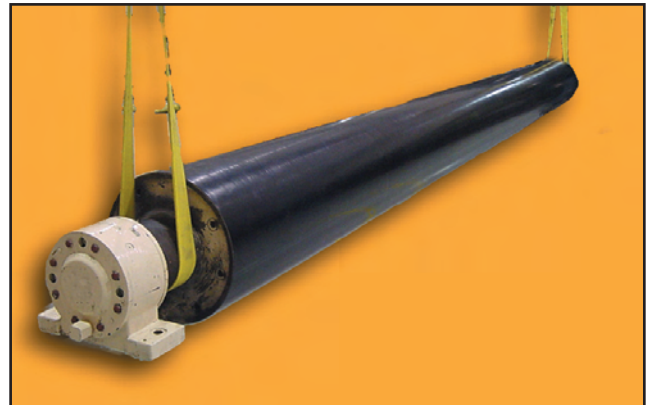


## Roll Covers based on Reinforced *Teflon*® offering 4x longer life

- Improved Product Quality
- Eliminates Sticking and Picking
- Increases Production
- Restores Roll Surface to Better Than New
- Easy Installation



Roll covers of *Teflon*® have been used by the paper industry for 35 years. But Fluoro-Wear is the first roll cover product of reinforced *Teflon*®.

When the product was introduced 10 years ago the original wear testing indicated four times greater abrasion resistance than unreinforced *Teflon*® FEP. Recent thickness measurements taken on a roll cover in service indicate that in certain applications, a Fluoro-Wear roll cover can last more than 10 times as long as an unreinforced roll cover.

The reinforced *Teflon*® has greater strength at higher temperatures. Fluoron's suggested service limit is 400°F. However, one bowed roll cover operating at the end of an infrared oven may see temperature excursions to 500° - 550°F for short periods and has not damaged the roll cover.

Applications: Because of the excellent wear resistance Fluoro-Wear roll covers are excellent on felt carrying rolls having build-up problems. Other roll cover applications are high wear bowed rolls, lead in/lead out rolls, and polyethylene extrusion lamination back up rolls.

**Patented Product U.S.#6,471,627B2**

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## Fluoro-Wear 102™ Properties

Property	Method	ASTM Test Value
<b>WEAR &amp; FRICTION</b>		
Coefficient of friction (against wet polished steel)	D1894	.04-.08
Paper running against roll	Field Testing	4X FEP life
<b>PHYSICAL</b>		
Thickness Range (Standard)		.060"
Flammability	D635	Non-Flammable
Diameter Range		Up to 15'
Ultimate Tensile Strength	D882-61T	3000 psi
Elongation	D882-61T	100%
% Diameter Shrinkage@300°F		10% minimum
Machining Qualities		Excellent
Color		Black
Wetability (Contact Angle)		108°
<b>CHEMICAL</b>		
Effect of all acids	D543	None*
Effect of all alkalies		None*
Effect of all organic solvents		None*
H2O absorption, 1/8" thickness		<0.01%
<b>TEMPERATURE</b>	No visible change or embrittlement with time or temperature at 400°F	

