

TECHNICAL PROPOSAL

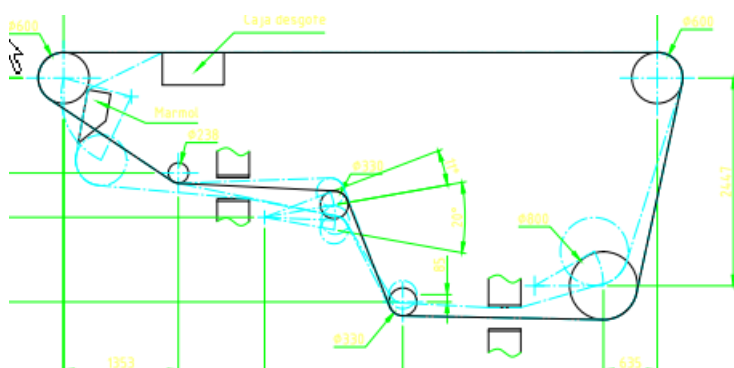


TRUPAL
Lima

PM 01 – Top position

ALBANY
INTERNATIONAL

José Erothides / February 2017



TOP FABRIC: 19,05m x 3,80m

Objective

OBJETIVE

- **GOOD FORMATION** – Better or the same as actual. This comparison will be made by the existing internal method.
- **INCREASE RETENTION** – We estimate an increase of retention up to 5 % and or chemical reduction which helps for the formation too.
- **INCREASE LIFE OF THE FABRIC**
 - Fabric with 10 shed on the wear side to increase life potential.
 - Roughness roll tester must be done together with Laboratory returned analyses.
 - We expected 25 % more life just for the fabric design (roll maintenance is critical to obtain a superior value – roughness roll tester)

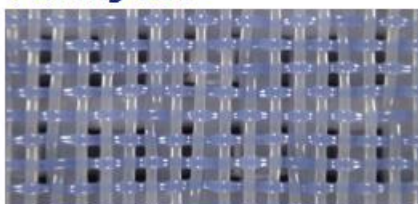
PRODUCT DESCRIPTION

PACKLINE EL

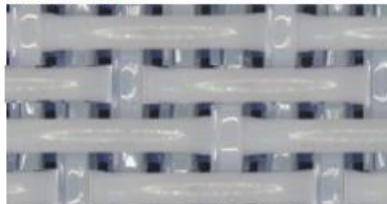
Meets all requirements to produce excellent packaging paper

Demands	How this will be reached
<ul style="list-style-type: none"> • Lifetime, lifetime, lifetime • Maximum dryness • Lower power consumption • Clean running • High paper strength and good formation 	<ul style="list-style-type: none"> • Very high abrasion resistance • Low fabric caliper • Friction optimized filaments on wear side • Contamination resistant filaments on paper side • High fiber support and high dewatering area

Forming Side



Wear Side



Product

PackLine EL utilizes our unique InLine binders in a forming fabric with low caliper and very high fiber support. InLine binders produce a fabric with unparalleled structural stability. The paper side CD yarns consist of polyamide material, to defend against contamination and paper side wear. Wear side CD yarns utilize wear resistant materials for very long life potential. The structure of the fabric is designed for low water carrying and high sheet dryness.

Characteristics

- ✓ Triple Layer InLine technology.
- ✓ High sheet support
- ✓ Wear yarns with big diameters.
- ✓ 10 shed on wear side
- ✓ Open structure

Benefits

- High contact points on the paper side

KrafTex 5000 PK 574 (actual) - 1160 points/cm²

ProVantage - 1850 points/cm²

PackLine - 1170 points/cm²

- Packline has even higher life compares to ProVantage which has better life compares to Kraftex 5000 PK 574.

PRODUCT SPECIFICATION

FINEPRINT XP (ATUAL)

- SSB – 3 layer - CD 2:1

Number of shed	2/5
MD (yarns/cm)	63
CD (yarns/cm)	74
Diameter of the yarns MD	0, 13/0,18
	CD (top) 0, 13
	CD (bot) 0, 30 1PA/PES
Permeability (CFM)	360
Caliper (mm)	0, 79
Basis weight (g/m ²)	440
Contact points/cm ²	1160

PACKLINE

- 3 Layer INLINE technology

Number of shed	2/10
MD (yarns/cm)	64
CD (yarns/cm)	63
Diameter of the yarns (mm) MD	0, 13 / 0, 23
	square
	CD (top) 0, 13
	CD (bot) 0, 35 1PA/PES
Permeability (CFM)	325
Caliper (mm)	0, 98
Basis weight (g/m ²)	510
Contact points/cm ²	1170