

LABEL HIGHLIGHTS

ILLUMINA® LED COLDCURING SYSTEM

- Printed LED without any chilling
- LED modules are cooled with room temperature water
- 90% less electricity & carbon emission than UV

300 SERIES LED/UV HYBRID INK

- Last down white opacity of 63% with one hit
- No pinholing, smooth laydown
- Non-yellowing LED cured white
- G7/ISO compliant process inks
- Run speeds up to 600 ft/min

FLENEX WATER WASH PLATE

- Industry's fastest platemaking - 30 minutes
- High definition water wash plates



PLATE & PREPRESS

Imaging Device:	Esko Crystal CDI 4835
Plate Type:	Flenex FW-L2 Water Washable
Plate Thickness:	0.067" (1.70mm)
Relief Depth:	0.020"
Digital/Analog:	Digital
Durometer:	Medium & Soft
Line Screen:	175 lpi
Resolution:	4000 dpi
Esko Screening	Circular

PRESS ROOM INFORMATION

Press Manufacturer:	Edale
Press Model:	FL-3 430mm
UV Energy:	Illumina LED COLDCURE
Ink Manufacturer:	Fujifilm
Ink System/Base:	300 Series LED/UV Hybrid
Substrate:	Klockner 50 micron PET shrink

"Chilling the press to run 50 micron shrink film is no longer needed since retrofitting the 2004 Comco Proglide 8 X 16" wide waterbase press to Illumina LED due to the COLDCURE technology producing so little heat. In fact, Atlantic have now removed the power supply to the press chill system."

Tim Keegan Production Manager - Flexo Atlantic Packaging - Tabor City, NC

FLENEX FW-L2 PLATE PROCESSING TIMES

PROCESS	MINUTES	
Back Exposure UV-A	0.3	
Face Exposure UV-A	3.3	
Water Washout	7	
Drying	15	
D-Tack UV-C	1	4
Post Exposure UV-A	4	
TOTAL PROCESSING TIME	30	

PRINT STATION DETAIL

Unit	LED/ UV INK	ANILOX	Plate	TAPE
1-4	300 - Process colors	Harper XLT 1200 cpi 1.7 bcm - 1000 cpi 2.2 bcm	Medium	Soft
5	Textured Last Down White	Harper XLT 200CPI 8.2 bcm	Soft	X - Hard