

hp

Labels & Packaging Substrate Evaluation Report

Certified for **HP Indigo**

Supplier Information			
Supplier Name	Jindal Films Americas LLC		
Supplier Address	729 Pittsford-Palmyra Rd., Macedon, NY, 14502		
	USA		
Product Information			
Substrate Name	Digilyte 30MBD166		
Substrate Type	PP		
Substrate Category	Flexible Packaging		
White/Transparent/other, please specify	y Clear		
Thickness/Weight	30 um		
Certification Number	RI6000-15-3957		
Certification Center	RIT		
Date of Evaluation	05/21/2015		
Evaluated on	HP ws6000		
Certified for	ws6000, ws6600 & ws6800		
Evaluation Process	Full		

Evaluation	Measurement	Result	Grade (stars)	Comments		
Runability	substrate webhandling on press.	Pass	***			
Scalability	frame to frame registration.	Pass	XXX			
	Peeling 100% ink coverage					
	patch (CMYK) at 15 and 60	1000/	***			
Ink Adhesion / Fixing	minutes.	100%				
	Only 100% test patch.					
	Peeling 400% ink coverage					
	patch (CMYK) at 15 and 60	100%				
	minutes. Only 400% test patch.					
	For transparent substrates:					
	Peeling 400% ink coverage					
	patch CMYK(200%) + 2xW@100%	100%				
	at 15 and 60 minutes. Only 400% test patch.					
Cleaner Pages # of pages required		1				

Evaluation	Measurement	Result	Grade (stars)	Comments
Blanket Compatibility	Blanket memory of previous image		***	
forced colour test	Forced CMYK	Pass		
Temperature mapping	Increase 5 degrees	Pass		
	Decrease 5 degrees	Pass		
Press Parameters (best working point)	Results without White Ink	Results with White Ink		
PTH temperature:	0	0		
Feed Fan	8	8		
Blanket temperature	105	105		
2nd transfer pressure	200	200		
Evaluation Result		Pass		

Comment Detail:

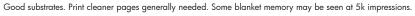
Three star rating criteria (supplier view)		会会会	**	*
Measure		Best performing substrates	Recommended substrates	Good substrates
Runability, scalability, web-breaks, jams snaking, wrinkling, telescopic, bleeding, high friction, etc.	Evaluate during the entire duration of the test procedure	Perform successfully at high speed (2x sep.) and default speed (4x sep.) without substrate issues. Scalability wizard test must perform successfully.	Perform successfully at high speed (2x sep.) and default speed (4x sep.) without substrate issues. Scalability wizard test must perform successfully.	Perform successfully at high speed (2x sep.) and default speed (4x sep.) without substrate issues. Scalability application independent.
Ink fixing/adhesion	Tape peeling test for CMYK and CMYK+W for transparent and metalized at 15 minutes and 60 minutes interval.	>90% ink adhesion	>80% ink adhesion at 15 minutes. >90% ink adhesion at 60 minutes.	>70% ink adhesion at 15 minutes. >80% ink adhesion at 60 minutes.
	Flaking test at 15 minutes.	<1mm on 400% ink coverage	<1mm on 300% ink coverage	<1mm on 200% ink coverage
Blanket compatibility	Blanket cleaner pages after 1000 impressions	2nd blanket cleaner page clean	3rd blanket cleaner page clean	3rd blanket cleaner page clean



Best performing substrates. Fewer print cleaner pages needed. No blanket memory at least up to 5k impressions.



Recommendend substrates. Some print cleaner pages needed. Slight blanket memory may been seen at 5k impressions.



Test substrates failed under high speed (2x sep.) runabilty are solely certified for default speed (4x sep. or more). Restricted from high speed runability and displayed under comments on HP Indigo Media Solutions Locator.



Legacy star. Substrate is certified under old certification test procedure. Additionally designated to substrates that are solely screen tested



