

Certified for
HP Indigo



Re-Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information	
Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	90 gsm
Microns/Caliper	99 microns
Certification Number	SG7600-18-080-re
Certification Center	Singapore
Date of Evaluation	12 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Full

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			*	
Simplex	Number of Jams	0		
Duplex	Number of Jams	2		
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining	99.9%		
Photo Peeling	290%K in 4 color mode, % ink remaining	87.8%		
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	
Evaluation Result		Pass		

Comment Detail:

Re-certification (old ID: SG5500-11-151)

Certified for
HP Indigo



Re-Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information	
Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	100 gsm
Microns/Caliper	110 microns
Certification Number	SG7600-18-098-re
Certification Center	Singapore
Date of Evaluation	12 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Interpolation

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams			
Duplex	Number of Jams			
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining			
Photo Peeling	290%K in 4 color mode, % ink remaining			
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	
Evaluation Result		Pass		

Comment Detail:

Re-certification (old ID: SG5500-11-240)

Above results by interpolation.

Certified for
HP Indigo



Re-Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information

Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	115 gsm
Microns/Caliper	126 microns
Certification Number	SG7600-18-099-re
Certification Center	Singapore
Date of Evaluation	12 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Interpolation

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams			
Duplex	Number of Jams			
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining			
Photo Peeling	290%K in 4 color mode, % ink remaining			
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	
Evaluation Result		Pass		

Comment Detail:

Re-certification (old ID: SG5500-11-241)

Above results by interpolation.

Certified for
HP Indigo



Re-Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information	
Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	130 gsm
Microns/Caliper	143 microns
Certification Number	SG7600-18-081-re
Certification Center	Singapore
Date of Evaluation	12 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Screen

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining	99.3%		
Photo Peeling	290%K in 4 color mode, % ink remaining	84.3%		
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	By interpolation
Evaluation Result		Pass		

Comment Detail:
Re-certification (old ID: SG5500-11-242)

Certified for
HP Indigo



Re-Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information

Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	150 gsm
Microns/Caliper	165 microns
Certification Number	SG7600-18-082-re
Certification Center	Singapore
Date of Evaluation	12 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Screen

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining	100%		
Photo Peeling	290%K in 4 color mode, % ink remaining	89.2%		
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	By interpolation
Evaluation Result		Pass		

Comment Detail:

Re-certification (old ID: SG5500-11-152)

Certified for
HP Indigo



Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information	
Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	170 gsm
Microns/Caliper	187 microns
Certification Number	SG7600-18-100
Certification Center	Singapore
Date of Evaluation	12 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Interpolation

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams			
Duplex	Number of Jams			
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining			
Photo Peeling	290%K in 4 color mode, % ink remaining			
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	
Evaluation Result		Pass		

Comment Detail:
Above results by interpolation.

Certified for
HP Indigo



Re-Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information	
Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	200 gsm
Microns/Caliper	220 microns
Certification Number	SG7600-18-101-re
Certification Center	Singapore
Date of Evaluation	12 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Interpolation

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams			
Duplex	Number of Jams			
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining			
Photo Peeling	290%K in 4 color mode, % ink remaining			
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	
Evaluation Result		Pass		

Comment Detail:

Re-certification (old ID: SG5500-11-243)

Above results by interpolation.

Certified for
HP Indigo



Re-Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information	
Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	250 gsm
Microns/Caliper	275 microns
Certification Number	SG7600-18-102-re
Certification Center	Singapore
Date of Evaluation	12 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Interpolation

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams			
Duplex	Number of Jams			
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining			
Photo Peeling	290%K in 4 color mode, % ink remaining			
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	
Evaluation Result		Pass		

Comment Detail:

Re-certification (old ID: SG5500-11-153)

Above results by interpolation.

Certified for
HP Indigo



Certification for Standard Evaluation Report

For HP Indigo 12000 / 10000 / 7000 series / multi-shot

Supplier Contact Information	
Supplier Name	Arctic Paper Grycksbo AB
Supplier Address	SE-790 20 Grycksbo
Supplier Country	Sweden
Product Name	Arctic Volume White
Product Category	Coated matt
Grammage (gsm)/Basis weight (#)	300 gsm
Microns/Caliper	330 microns
Certification Number	SG7600-18-083
Certification Center	Singapore
Date of Evaluation	11 Feb 2018
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 10000 / 7000 series / multi-shot
Evaluation Process	Full

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100%K in 4 color mode, % ink remaining	97.4%		
Photo Peeling	290%K in 4 color mode, % ink remaining	82.6%		
Photo Recommended		Yes		
White Ink Recommended				
Blanket Compatibility			***	
Evaluation Result		Pass		

Comment Detail: _____



The substrate certification procedure incorporates several processes.

This checks for:

Runability:

The ability of the substrate to run smoothly through the press in various print modes.

Fixing:

Ink-substrate interaction as determined by:

- 1) The degree of ink adhesion to the substrate for standard and photo-related applications as measured in a tape peel test of the image.

Blanket Compatibility:

Blanket-substrate interaction as determined by:

- 1) Ink-transferability, which is the quality of ink transfer from the blanket to the substrate as reflected in highlight dots, thin lines, heavy images and image edge integrity;
- 2) 'Blanket Memory' effects, reflected in gloss or density differences between solids and background areas of the previously printed image; and
- 3) Number of cleaner pages, in which blankets are routinely maintained by performing a self cleaning procedure ("cleaner pages") used to refresh the blanket's release layer.

Photo and White Ink Applications:

Use of robust media products is strongly recommended when printing photo-related and/or white ink applications and/or Light Cyan and Light Magenta due to additional ink coverage demands of these applications. This media has been tested and approved to perform well with higher levels of ink coverage, and is therefore recommended for photo-related and/or white ink type applications. However, it is strongly recommended that user acceptance ultimately be evaluated per individual application and finishing requirements, etc. The test results are provided as a guide; assess actual performance to determine suitability for individual use.

Star Rating

- ★★★★ Best performing substrate: no blanket memories or very minor memories.
- ★★★ Recommended substrate: some print cleaners may be needed; slight memories may be present.
- ★ Good substrate: print cleaners generally required; some memories may be present.

		★★★★	★★★	★
	Measurement	Best-performing substrate	Recommended substrate	Good substrate
Transport	Runability	No jam and minor issues	1 jam and minor issues	1 jam and minor issues
Fixing	Peeling: 100% K,	>90%	>80%	>80% at one hour
	Photo peeling: 290% K, 10 or 60 minutes	>80% after 10 or 60 min	N/A	N/A
Blanket Compatibility	No. of Cleaner sheets clean	1st cleaner sheet is clean	3rd cleaner sheet is clean	5th cleaner sheet is clean

Certification Validity

- 1) This substrate is certified for the next two years from the date of evaluation, provided there is no change to the paper properties or production processes. At the end of two years from the original evaluation date, if there have been no changes in paper properties or production processes, the certification can be extended for another two years. After four years from the original certification date, a new certification is required.
- 2) The certification provided herein applies to printing on HP Indigo Presses only. It does not apply to finishing processes. Customers are advised to confirm suitability of substrates for use with their finishing equipment, and with the finishing equipment manufacturers.