



Canon U.S.A., Inc. Wide Format Inkjet Vendor Media Certification Report

Evaluation Report #: CM0005-16

Date: February 27, 2017

Breathing Color Lyve Canvas 19 Mils / 450 gsm

Media submitted for evaluation by:

Breathing Color

201 W Howard Ln • Austin, TX 78753

Printing Applications Laboratory

Rochester Institute of Technology

66 Lomb Memorial Drive • Rochester, NY 14623-5608

585.475.2687, phone • 585.475.2690, fax

www.printlab.rit.edu



ATTN:	Justin Bodin	START DATE:	12/02/2016
Cc:		END DATE:	02/27/2017

Evaluation Setup

Product Sample Description:	Breathing Color Lyve Canvas 19 mils / 450 gsm		
Evaluation Protocol:	Canon protocol referencing ASTM, TAPPI and ISO standards where applicable.		
Manufacturer:	Breathing Color		
Country of Origin:	US		
Product SKU / ID	LC1722251470		
Evaluation Printers:	Canon Pro 1000		
Printer Certifications:	Canon Pro 1000		
Printer Settings:	Driver Setting:	Canvas	
	Control Panel:	Canvas	
	Head Height:	High	
Environmental Conditions:	PAL evaluation labs are temperature (73F +/- 3) and relative humidity (45% +/- 10%) controlled. Conditions were monitored using the Preservation Environment Monitor (PEM) developed by the Image Permanence Institute. All equipment and materials are conditioned for a minimum of 24 hours prior to testing.		

**Check the paper manufacturer's website site for the availability of ICC profiles.*

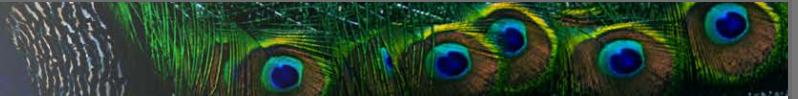
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Summary Charts

Media Evaluation Summary Tables

Physical Properties CM0005-16		
Tests	Measured Data	Comment
Grammage (gsm)	384.6	Data sheet states 450 gsm / carton states 400 gsm
Thickness (Mils)	20.4	
Opacity (%)	99.4	
Brightness TAPPI (%)	92.2	
Whiteness (CIE)	93.8	
Roughness (Parker)	8.2	
Roughness (Sheffield)	397.0	
Gloss 75 Deg (units)	2.7	
OBA Index	0.12	

Image Durability CM0005-16		
Tests	Measured Data	Comment
Sutherland Rub – Cyan Rub Center	0.000	
Sutherland Rub – Cyan Image Strip	0.001	
Sutherland Rub – Black Rub Center	0.005	
Sutherland Rub – Black Image Strip	0.009	
Taber Abrasion - Cyan	89.5	
Taber Abrasion – Black	93.0	
Image Durability Rating	☆☆☆	

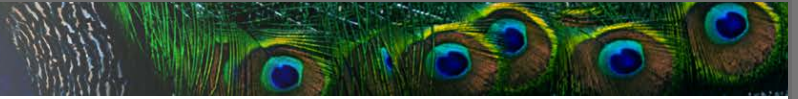


Image Quality CM005-16		
Tests	Measured Data	Comment
Mottle – Cyan	0.7	
Mottle - Magenta	0.4	
Mottle – Yellow	0.4	
Mottle – Black	0.2	
Optical Density - Cyan	0.68	
Optical Density - Magenta	1.15	
Optical Density - Yellow	0.91	
Optical Density - Black	1.32	
Optical Density - Red	1.29	
Optical Density - Green	0.73	
Optical Density - Blue	1.25	
Black on Yellow Bleed - Horizontal	0.021	
Black on Yellow Raggedness - Horizontal	0.023	
Black on Paper Raggedness - Horizontal	0.016	
Black on Yellow Bleed - Vertical	0.005	
Black on Yellow Raggedness - Vertical	0.012	
Black on Paper Raggedness - Vertical	0.012	
CIEDE2000 (Lab) - Cyan	2.3	
CIEDE2000 (Lab) - Magenta	2.6	
CIEDE2000 (Lab) - Yellow	0.8	
CIEDE2000 (Lab) - Black	1.6	
CIEDE2000 (Lab) - Red	3.1	
CIEDE2000 (Lab) - Green	1.9	
CIEDE2000 (Lab) - Blue	2.3	
Horizontal Registration	0	
Vertical Registration	0	
Runnability	Acceptable	
Overall Image Quality Rating	★ ★	