

Comparative Canvas Study - Spreadsheet 1

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Legend 0=Heidelberg DE (dig exp) 1=Epson 7800 2=Epson 9800 3=HP Designjet 5000 4=HP Designjet Z3100 5=Canon iPF8000 6=HP Designjet Z6100 Stretched Observations Humidity + Temperature T=drum tight T=taut L=loose S=saggy, wavy	Specs								Stretched																			Notes		
	Printer	Receptor Layer (Porous, Swellable)	Cotton	Poly/Cotton	Cracked corners	Edge split, cracks at side fold	Edge wear - Ink rubs off	Inks chip at staple, flake when crimped	Scuffs and Scratches	Controlled - 48hrs - 90F @ 70%RH	Controlled - 48hrs - 75F @ 60%RH	Controlled - 24hrs - 60F @ 40%RH	Controlled - 12hrs - 70F @ 20%RH	Controlled - 12hrs - 55F @ 20%RH	Room Temp - H90F/L75F @ 10%RH	Room Temp - H65F/L40F @ 10%RH	Room Temp - H65F/L40F @ 15%RH	Room Temp - H70F/L55F @ 10%RH	Room Temp - H55F/L40F @ 50%RH	Room Temp - H60F/L35F @ 30%RH	Room 50F @ 50%RH	Room 55F @ 45%RH	Room 60F @ 45%RH	Room 55F @ 30%RH	Room 58F @ 40%RH	Room 60F @ 30%RH	Room 70F @ 35%RH		Tight'n'Up misted to back	
InteliCoat Canvases									06/01/07	09/15/07	10/15/07	11/15/07	12/15/07		06/25/07	11/01/07	12/15/07		01/03/08	01/15/08	01/10/08	02/05/08	02/07/08	02/09/08	02/14/08	02/19/08	03/06/08	03/21/08	03/21/08	
Torino 20G - dye	3	S	X			X			T	S	T	T	T		T	T	T	S	S	T	T	T	T	T	T	T	T			HP5000, some water base, not Epson
Torino 20M	3	P	X		X	X			S	S	L	L	T		L	L	S	L	T	T	T	T	T	T	T	T	T			HP5000, dyes may fade
Torino 21G	3	S		X					T	S	T	T	T		T	T	T	T	L	T	T	T	T	T	T	T	T			HP5000, darker blue
Torino 21M	3	P		X	X	X			T	L	T	T	T		T	T	L	T	T	T	T	T	T	T	T	T	T			HP5000, dye fade
Torino 17M	3	P		X	X	X	X		T	L	T	T	T		T	T	L	L	L	T	T	T	T	T	T	T	T			HP5000
Decor	3	P		X	X	X	X		S	S	L	L	L		L	T	L	L	L	T	T	T	T	T	T	T	T			HP5000, economy level
Torino 20G - pigment	1	S	X		X				T	S	T	T	T		T	T	T	L	L	T	T	T	T	T	T	T	T			E7800
Torino 20M	2	P	X		X				T	L	T	L	T		T	L	L	T	T	T	T	T	T	T	T	T	T			E7800
Torino 21G	1	S		X					T	S	T	T	T		T	T	T	L	L	T	T	T	T	T	T	T	T			E7800
Torino 21M	2	P		X	X	X			T	T	T	T	L		T	L	S	L	T	T	T	T	T	T	T	T	T			
Torino 17M	2	P		X	X	X	X		L	L	T	T	L		L	L	S	S	S	L	T	T	T	T	T	T	T			
Decor	2	P		X	X	X	X		S	L	L	L	L		L	S	S	L	L	L	T	T	T	T	T	T	T			
Torino 21M	5	P		X	-	X			-	-	-	-	-		-	-														Canon iPF8000
Other Digital Canvases																														
Digital Offset-4 color (1) 2024	0	-		X					L	S	L	L	L		L	T	S	L	L	L	T	T	L	T	T	T	L	X		
Digital Offset-4 color (2)	0	-		X																										No sample to stretch - mounted only
Epson PremierArt WR Canvas 1620	2	P		X		X			T	T	T	T	L		T	T	L	L	T	T	-	-	L	L	L	T	L	X		Best print @ 68-77F, 40-60%RH
Epson Canvas 1010	4	P		X		X	X	X	T	T	T	T	L		T	T	L	L	T	T	-	-	T	T	T	T	T			Best print @ 60-80F, 40-60%RH
Fredrix Inkjet Canvas 1010	2	P	X		X		X		T	T	T	T	T		T	T	S	T	L	L	L	L	L	T	T	T	L			E9800
HP Collector Satin Canvas 1010	4	P	X		X				T	S	L	T	T		T	T	L	T	S	L	-	-	L	T	L	T	L	X		Best @ 60-95F, 30-70%RH, mist to tighten
HP Collector Canvas 1620	4	P							-	-	-	-	-		-	-	-	-	-	-	T	T	T	T	T	T	T			New sample added 2/5/08
HP Professional Canvas Matte	6	P							-	-	-	-	-		-	-	-	-	-	-	T	T	T	T	T	T	T			New sample added 2/5/08
Crane Museo Maestro Canvas-WR	4	P		X			X	X	T	T	T	T	T		T	T	L	L	L	L	T	T	T	T	T	T	T			E9800

Comparative Canvas Specs - Spreadsheet 2

Legend blank=did not test F=Failed x=Occurs sometimes X=Expected X=Strong reaction 0=Heidelberg DE (dig exp) 1=Epson 7800 2=Epson 9800 3=HP Designjet 5000 4=HP Designjet Z3100 5=Canon iPF8000	Product and Printer Specs								Inks				Claims				Notes <u>Stretched Observations</u> Humidity + Temperature T=drum tight T=taut L=loose S=saggy, wavy			
	Printer	Receptor Layer (porous, Swellable)	Finish (Gloss, Satin, Matte)	Weight – oz. or mil	Weight - gsm	Ink (D=Dye; P=Pigment; p=marginal)	Water-resistance Claim	Cotton	Poly/Cotton	Cracked corners	Edge split, cracks at side fold	Edge wear – Ink rubs off	Inks chip at staple, flake when crimped	Scuffs and Scratches	Gallery Wraps OK	Fine Art		Photos/Portraits	Thermal Printing	Piezo Printing
InteliCoat Canvases																				
Torino 20G - dye	3	S	G	10 oz	340	D	X	X			X				X	X	X	X		HP5000, some water base, not Epson
Torino 20M	3	P	M	10.8	369	P	X	X		X	X				X	X	X	X		HP5000, dyes may fade
Torino 21G	3	S	G	12.1	400	D/p	X		X						X	X	X	X	x	HP5000, darker blue
Torino 21M	3	P	M	10.4	355	d/P	X		X	X	X				X	X	x	X		HP5000, dye fade
Torino 17M	3	P	M	11 oz	374	P	X		X	X	X				X	X		X		HP5000
Decor	3	P	M	10.2	347	d/P	X		X	X	X				X	X	x	X		HP5000, economy level
Torino 20G - pigment	1	S	G	10 oz	340	D	X	X		X					X	X	X			E7800
Torino 20M	2	P	M	10.8	369	P	X	X		X					X	X	X	X		E7800
Torino 21G	1	S	G	12.1	400	D/p	X		X						X	X	X	X	x	
Torino 21M	2	P	M	10.4	355	d/P	X		X	X	X				X	X	x	X		
Torino 17M	2	P	M	11 oz	374	P	X		X	X	X				X	X		X		
Decor	2	P	M	10.2	347	d/P	X		X	X	X				X	X	x	X		
Torino 21M	5	P	M	10.4	355	d/P	X		X	-	X				X	X				Canon iPF8000
Other Digital Canvases																				
Digital Offset-4 color (1)	0	-	S	-	-	ink			X						X	X		-	-	
Digital Offset-4 color (2)	0	-	M	-	-	ink			X						X	X	X	-	-	
Epson PremierArt WR Canvas	2	P	G	10.3	350	P/d	X		X	X					X	X	X	X	X	Best print @ 68-77F, 40-60%RH
Epson Canvas	4	P	M	12 oz	400	p/D			X	X	X		X	X	X			X	X	Best print @ 60-80F, 40-60%RH
Fredrix Inkjet Canvas	2	P	M	11 oz	373	p/D		X		X			X	X	X			X	X	E9800
HP Collector Satin Canvas	4	P	G	22ml	400	P		X		X				X	X	X		X		Best @ 60-95F, 30-70%RH, mist to tighten
HP Collector Satin Canvas 1620	4	P	G	22ml	400	P		X		X										New sample added 2/5/08
HP Professional Matte Canvas	6	P	M	18ml	380	P		X	X	X			X							New sample added 2/5/08
Crane Museo Maestro Canvas-WR	4	P	M	14 oz	440	P	X		X		X		X	X	X	X	X	X		E9800