Comparative Canvas Study - Spreadsheet 1

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					
										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					
InteliCoat Canvases																																			
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						
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	L	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

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