



Fiery Verify Report

Job ID: 192
Job name: Offset_Ref9.indd
Print server: Vito
Printer preset: Proof
Reference: FOGRA51_MKCheck11
Sample: Measured sample
Tolerance set: ISO/DIS 12647-7:2016 Contract Proof "Media Wedge"
ΔE formula: CIE2000
Instrument: EFI ES-2000
Measurement mode: M1 - D50 UV included

RESULT SUMMARY

ΔE 00	Tolerance	Calculated	Result
Average all patches	2.5	0.6	✓
Maximum all patches	5.0	2.2	✓
Maximum paper white	3.0	1.3	✓
Maximum Cyan	3.0	0.3	✓
Maximum Magenta	3.0	0.2	✓
Maximum Yellow	3.0	0.5	✓
Maximum Black	3.0	0.6	✓
ΔH	Tolerance	Calculated	Result
Maximum CMY patches	2.5	0.4	✓
ΔCh	Tolerance	Calculated	Result
Maximum weighted CMY scale	3.5	0.6	✓
Average weighted CMY scale	2.0	0.4	✓

Passed



MEASUREMENT DATA

#	Reference								Sample			ΔE
	C	M	Y	K	L*	a*	b*	L*	a*	b*		
1	100	0	0	0	56.12	-34.90	-52.52		55.87	-34.46	-52.45	0.28
2	70	0	0	0	66.57	-24.03	-39.84		66.15	-24.67	-39.91	0.44
3	40	0	0	0	79.15	-12.57	-24.94		78.46	-12.82	-25.76	0.60
4	20	0	0	0	87.20	-5.64	-15.58		86.71	-6.14	-15.41	0.60
5	10	0	0	0	91.19	-2.28	-10.93		90.25	-2.49	-10.62	0.68
6	0	100	0	0	48.06	75.29	-5.18		48.07	75.38	-4.74	0.17
7	0	70	0	0	60.42	52.69	-9.17		60.11	52.89	-8.89	0.31
8	0	40	0	0	75.43	28.45	-9.24		75.28	28.51	-9.59	0.23
9	0	20	0	0	85.20	14.67	-8.29		85.36	14.53	-8.01	0.22
10	0	10	0	0	90.08	8.15	-7.42		90.12	8.09	-6.82	0.44
11	0	0	100	0	88.94	-4.04	92.37		89.04	-4.20	94.93	0.50
12	0	0	70	0	90.44	-4.21	61.28		90.15	-4.63	63.31	0.59
13	0	0	40	0	92.30	-2.85	30.21		91.95	-2.76	30.48	0.26
14	0	0	20	0	93.66	-1.17	11.88		93.23	-2.07	12.15	1.16
15	0	0	10	0	94.39	-0.05	3.02		94.09	-0.26	3.08	0.35
16	0	0	0	10	88.87	1.20	-5.84		88.78	0.88	-5.68	0.47
17	0	0	0	20	82.71	0.94	-5.62		82.64	0.67	-5.63	0.39
18	0	0	0	40	69.76	0.49	-4.90		69.31	0.21	-4.79	0.54
19	0	0	0	60	55.11	0.16	-3.90		54.52	-0.17	-4.20	0.78
20	0	0	0	80	37.53	-0.06	-2.55		36.81	-0.32	-2.64	0.72
21	0	0	0	100	16.00	0.07	-0.33		15.76	0.02	0.20	0.56
22	0	100	0	100	13.30	8.89	4.27		12.65	8.36	4.41	0.68
23	0	70	70	60	33.12	25.82	20.00		33.04	25.28	19.70	0.27
24	0	0	70	80	34.66	-3.35	21.33		34.58	-4.01	21.22	0.67
25	100	100	0	0	24.74	21.12	-47.45		24.80	19.80	-46.90	0.65
26	70	70	0	0	40.13	17.91	-38.49		40.23	16.34	-37.96	0.85

#	Reference								Sample				
	C	M	Y	K	L*	a*	b*			L*	a*	b*	ΔE
27	40	40	0	0	62.24	11.37	-26.06			63.02	10.72	-25.60	0.76
28	20	20	0	0	78.13	6.82	-17.10			78.33	6.76	-17.08	0.16
29	10	10	0	0	86.47	4.14	-11.97			86.94	4.55	-11.05	1.00
30	0	100	100	0	47.99	69.33	45.87			48.07	69.09	44.68	0.48
31	0	70	70	0	58.43	49.19	36.75			58.56	48.50	34.85	0.82
32	0	40	40	0	73.41	25.29	20.43			73.20	24.68	19.23	0.67
33	0	20	20	0	83.99	12.38	8.29			84.46	12.04	6.95	1.02
34	0	10	10	0	89.49	6.73	1.30			89.14	6.94	1.12	0.35
35	100	0	100	0	49.45	-65.93	24.34			49.13	-66.22	24.44	0.33
36	70	0	70	0	61.29	-40.43	18.62			60.75	-40.94	18.39	0.53
37	40	0	40	0	76.04	-19.68	8.86			76.22	-19.09	8.74	0.38
38	20	0	20	0	85.72	-8.99	2.17			85.94	-8.58	1.71	0.53
39	10	0	10	0	90.49	-4.02	-1.77			90.51	-3.91	-2.65	0.81
40	10	6	6	0	88.02	0.65	-6.52			87.80	0.99	-6.49	0.50
41	20	12	12	0	80.96	-0.21	-6.62			80.98	0.02	-6.27	0.42
42	40	27	27	0	66.01	-1.20	-5.85			65.54	-1.26	-6.13	0.45
43	60	45	45	0	50.74	-2.08	-4.61			50.16	-2.62	-4.98	0.92
44	80	65	65	0	36.49	-4.67	-4.60			36.63	-3.92	-4.75	0.92
45	100	85	85	0	26.30	-8.17	-4.54			26.14	-8.29	-5.01	0.39
46	100	0	0	100	12.18	-3.46	-6.20			11.77	-5.38	-6.43	2.19
47	20	100	70	60	24.72	31.23	11.25			24.41	31.76	10.51	0.63
48	70	0	70	80	24.64	-16.37	6.71			24.42	-15.79	6.71	0.44
49	100	100	100	0	23.26	-1.43	-1.68			24.00	-0.37	-0.94	1.71
50	70	70	70	0	37.56	6.18	2.28			37.12	6.02	1.95	0.49
51	40	40	40	0	59.91	5.85	1.87			59.96	6.05	2.31	0.42
52	20	20	20	0	76.83	3.86	-1.11			76.55	3.81	-1.03	0.22
53	10	10	10	0	85.82	2.56	-3.46			85.55	2.39	-3.61	0.33
54	20	70	70	0	52.33	38.11	27.14			52.39	37.05	26.80	0.41
55	40	70	70	20	40.75	22.13	15.28			40.57	21.88	15.09	0.22
56	40	100	100	20	32.07	39.11	20.63			32.05	39.35	19.83	0.53
57	40	100	40	20	32.33	43.36	-4.12			32.78	42.67	-3.67	0.48
58	40	40	100	20	50.09	0.97	42.51			49.90	0.53	42.97	0.40
59	100	40	100	20	33.86	-36.19	11.18			32.98	-39.06	10.23	1.52
60	100	40	40	20	36.13	-25.27	-21.82			35.56	-26.19	-20.98	0.87
61	100	100	40	20	21.98	7.77	-24.64			22.36	8.27	-22.99	1.41
62	10	40	40	0	70.14	20.29	15.78			70.10	19.78	14.97	0.50
63	0	40	100	0	70.62	24.83	71.77			71.09	22.86	72.37	1.29
64	0	100	40	0	48.17	72.08	14.73			48.16	72.14	15.42	0.30
65	40	100	0	0	37.42	55.26	-24.13			37.04	55.10	-23.90	0.33
66	40	0	100	0	72.38	-23.80	65.39			72.30	-23.57	66.14	0.30
67	100	0	40	0	52.96	-51.61	-21.76			52.29	-51.50	-21.33	0.68
68	100	40	0	0	43.67	-14.81	-50.35			42.92	-15.81	-51.09	0.89
69	0	0	0	0	95.00	1.50	-6.00			94.97	1.25	-4.37	1.35
70	0	0	100	100	15.37	-3.20	6.36			14.96	-3.99	8.03	1.49
71	0	70	0	60	34.64	29.50	-5.70			34.09	28.80	-5.28	0.59
72	70	0	0	80	26.43	-10.25	-15.17			26.63	-11.18	-14.64	0.91