

Job ID: 201
Job name: Offset_Ref9.indd
Print server: Vito
Printer preset: Plakati
Reference: FOGRA52_MKCheck11
Sample: measurement--4112-UDxPfmSGNm0-
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	0.9	✓
Maximum all patches	5.0	3.0	✓
Maximum paper white	3.0	0.1	✓
Maximum Cyan	3.0	0.8	✓
Maximum Magenta	3.0	0.6	✓
Maximum Yellow	3.0	0.8	✓
Maximum Black	3.0	1.5	✓
ΔH	Tolerance	Calculated	Result
Maximum CMY patches	2.5	1.0	✓
ΔCh	Tolerance	Calculated	Result
Maximum weighted CMY scale	3.5	1.7	✓
Average weighted CMY scale	2.0	0.7	✓

Passed



MEASUREMENT DATA

#	Reference								Sample			ΔE
	C	M	Y	K	L*	a*	b*	L*	a*	b*		
1	100	0	0	0	58.70	-22.35	-48.12	59.42	-22.83	-46.81	0.81	
2	70	0	0	0	66.13	-17.82	-40.45	66.35	-17.42	-39.78	0.33	
3	40	0	0	0	76.45	-10.28	-29.09	76.24	-11.46	-28.73	0.80	
4	20	0	0	0	84.29	-4.47	-20.44	83.81	-5.07	-20.84	0.67	
5	10	0	0	0	88.67	-1.16	-15.51	88.40	-1.23	-15.58	0.20	
6	0	100	0	0	54.54	60.07	-4.30	54.00	59.28	-4.70	0.59	
7	0	70	0	0	62.30	47.89	-8.22	61.59	47.28	-8.97	0.75	
8	0	40	0	0	73.74	30.00	-10.32	73.47	29.39	-9.37	0.59	
9	0	20	0	0	82.74	17.07	-10.66	82.36	16.86	-10.97	0.37	
10	0	10	0	0	87.84	10.05	-10.46	87.41	9.08	-9.76	0.94	
11	0	0	100	0	87.66	-2.65	72.38	86.61	-2.88	71.16	0.75	
12	0	0	70	0	88.89	-2.96	53.84	88.42	-3.56	53.31	0.53	
13	0	0	40	0	90.59	-2.19	28.94	89.98	-1.68	26.84	1.07	
14	0	0	20	0	91.90	-0.46	10.79	91.40	-0.47	9.31	1.06	
15	0	0	10	0	92.65	0.82	0.84	92.22	1.43	-0.21	1.36	
16	0	0	0	10	86.16	2.25	-9.01	85.77	2.56	-9.34	0.50	
17	0	0	0	20	79.36	2.03	-8.10	79.22	1.46	-7.53	0.84	
18	0	0	0	40	66.75	1.60	-6.39	67.35	1.48	-5.73	0.71	
19	0	0	0	60	54.52	1.49	-4.08	53.83	0.61	-4.53	1.51	
20	0	0	0	80	42.14	1.38	-1.76	42.00	0.98	-1.96	0.62	
21	0	0	0	100	32.69	1.24	0.11	32.06	0.24	0.32	1.53	
22	0	100	0	100	29.84	7.72	2.31	28.20	7.37	1.45	1.47	
23	0	70	70	60	39.95	15.64	9.18	39.40	15.66	8.98	0.50	
24	0	0	70	80	41.00	-1.42	11.31	40.44	-1.08	12.05	0.85	
25	100	100	0	0	38.47	9.76	-31.96	38.86	10.09	-31.90	0.44	
26	70	70	0	0	46.26	11.70	-31.09	46.39	11.69	-29.93	0.71	

#	Reference								Sample				
	C	M	Y	K	L*	a*	b*			L*	a*	b*	ΔE
27	40	40	0	0	60.71	10.99	-26.76			61.52	10.64	-26.03	0.78
28	20	20	0	0	74.76	8.33	-20.19			74.86	8.43	-20.38	0.13
29	10	10	0	0	83.36	5.91	-15.71			83.12	6.11	-15.00	0.64
30	0	100	100	0	52.59	55.96	25.52			52.05	55.70	24.83	0.62
31	0	70	70	0	59.68	44.80	23.75			58.97	45.20	24.25	0.67
32	0	40	40	0	71.21	27.42	16.20			71.07	26.21	16.60	0.80
33	0	20	20	0	81.25	14.82	6.55			81.83	13.38	5.83	1.18
34	0	10	10	0	87.02	8.58	-0.61			86.60	8.30	-1.44	0.77
35	100	0	100	0	51.97	-41.41	11.25			52.48	-41.47	11.12	0.51
36	70	0	70	0	60.89	-32.00	10.06			60.32	-32.92	9.92	0.65
37	40	0	40	0	72.77	-19.38	5.41			72.98	-19.58	4.97	0.38
38	20	0	20	0	82.46	-8.61	-0.93			82.74	-8.95	-0.07	0.82
39	10	0	10	0	87.76	-3.15	-5.03			87.60	-2.63	-6.15	1.16
40	10	6	6	0	84.94	1.93	-9.69			84.75	2.04	-9.93	0.24
41	20	12	12	0	77.32	1.07	-9.52			77.07	-0.02	-8.19	1.73
42	40	27	27	0	63.31	-0.49	-8.22			63.74	-1.28	-8.10	1.11
43	60	45	45	0	51.99	-1.00	-7.01			51.39	-1.63	-7.00	1.01
44	80	65	65	0	42.78	-2.14	-7.05			42.73	-3.36	-6.69	1.54
45	100	85	85	0	36.53	-2.33	-6.13			36.78	-2.57	-5.71	0.52
46	100	0	0	100	30.08	-1.53	-3.38			29.28	-0.55	-1.95	1.91
47	20	100	70	60	34.91	16.04	3.68			35.34	15.13	2.86	0.90
48	70	0	70	80	34.75	-6.63	2.48			36.06	-6.98	3.76	1.52
49	100	100	100	0	34.61	0.58	-4.25			34.87	0.05	-3.32	1.11
50	70	70	70	0	43.21	3.74	-3.16			42.08	3.43	-3.25	1.10
51	40	40	40	0	58.22	5.11	-1.89			57.84	4.96	-2.11	0.43
52	20	20	20	0	73.17	5.05	-3.83			73.84	5.90	-3.90	1.05
53	10	10	10	0	82.49	4.15	-6.14			81.91	3.74	-6.58	0.78
54	20	70	70	0	53.62	30.30	13.86			51.84	33.00	12.83	2.36
55	40	70	70	20	44.07	13.33	4.65			41.92	15.58	3.97	2.68
56	40	100	100	20	38.56	20.76	6.46			38.50	19.36	5.27	1.06
57	40	100	40	20	40.53	23.55	-5.62			38.73	24.65	-5.35	1.69
58	40	40	100	20	48.98	0.92	18.37			48.64	1.58	19.78	1.07
59	100	40	100	20	39.36	-15.00	1.93			38.85	-15.00	1.59	0.51
60	100	40	40	20	41.84	-11.25	-14.98			42.56	-11.33	-14.81	0.67
61	100	100	40	20	34.37	4.65	-15.02			34.70	4.30	-15.10	0.51
62	10	40	40	0	67.49	21.18	10.97			67.01	20.80	11.12	0.48
63	0	40	100	0	68.39	28.16	46.22			68.43	27.12	48.22	1.31
64	0	100	40	0	53.46	57.91	8.95			53.01	57.88	9.24	0.46
65	40	100	0	0	44.95	34.24	-19.69			43.48	34.34	-19.36	1.39
66	40	0	100	0	69.63	-23.27	41.16			69.47	-23.89	41.76	0.32
67	100	0	40	0	55.74	-34.91	-17.35			56.64	-37.49	-16.84	1.47
68	100	40	0	0	48.01	-6.69	-40.95			47.29	-7.38	-40.83	0.83
69	0	0	0	0	93.50	2.50	-10.00			93.36	2.42	-10.03	0.14
70	0	0	100	100	32.62	-1.23	6.32			29.22	-0.48	4.90	3.05
71	0	70	0	60	42.00	19.32	-3.15			41.97	19.76	-4.10	0.64
72	70	0	0	80	36.11	-3.79	-7.95			36.48	-4.01	-8.00	0.39