

http://130.149.60.45/~farbmatrik/OE47/OE47L0N1.TXT /PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

Testchart measurement and output;	All TUB URL for download + FF_LM	1-minus-relation IMR ¹⁾ + DH	1-minus-relation IMR ¹⁾ + DEH	Device File Output DFO	Whole Device Output WDO
1080 colours		VG PG	VG PG	i/8 DG PS VG PG	i/8 DG PR VG PG
2g (all)	A ₁ : T/OE90	● ¹⁾ -	- -	● -	● -
2o (all)	A ₁ : T/OE91	● ¹⁾ -	- -	● -	● -
2e (all)	A ₁ : T/OE92	● ¹⁾ -	- -	● -	● -
2G (all)	A ₁ : T/OE93	● ¹⁾ ● ¹⁾	- -	● ●	● ●
2E (all)	A ₁ : T/OE94	● ¹⁾ ● ¹⁾	- -	● ●	● ●
2g (all)	C ₁ : T/OE95	- -	● ¹⁾ -	● -	● -
2o (all)	C ₁ : T/OE96	- -	● ¹⁾ -	● -	● -
2e (all)	C ₁ : T/OE97	- -	● ¹⁾ -	● -	● -
2G (all)	C ₁ : T/OE98	- -	● ¹⁾ ● ¹⁾	● ●	● ●
2E (all)	C ₁ : T/OE99	- -	● ¹⁾ ● ¹⁾	● ●	● ●

Abbreviations: IMR = 1-Minus-Relation; DG_PS/PR = Device Gamma PS/Profile all = cmy0/000n setcmykcolor, rgb setrgbcolor, w setgray; - = either DH or DEH
VG = Vector Graphics; PG = Pixel Graphics; ● = realized; O = possible; - = no PG
D(E)H = Device (to Elementary) Hue; TUB/ = T/ = http://130.149.60.45/~farbmatrik/
Remarks: 1) Realized: Mac OSX 10/10.1, Adobe FrameMaker 8, Unix, Ghostscript
OE470-3N

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2g (all)	A ₁ : T/OE90	● ¹⁾ -	- -	● -	● -
2o (all)	A ₁ : T/OE91	● ¹⁾ -	- -	● -	● -
2e (all)	A ₁ : T/OE92	● ¹⁾ -	- -	● -	● -
2G (all)	A ₁ : T/OE93	● ¹⁾ ● ¹⁾	- -	● ●	● ●
2E (all)	A ₁ : T/OE94	● ¹⁾ ● ¹⁾	- -	● ●	● ●
2g (all)	C ₁ : T/OE95	- -	● ¹⁾ -	● -	● -
2o (all)	C ₁ : T/OE96	- -	● ¹⁾ -	● -	● -
2e (all)	C ₁ : T/OE97	- -	● ¹⁾ -	● -	● -
2G (all)	C ₁ : T/OE98	- -	● ¹⁾ ● ¹⁾	● ●	● ●
2E (all)	C ₁ : T/OE99	- -	● ¹⁾ ● ¹⁾	● ●	● ●

Abbreviations: IMR = 1-Minus-Relation; DG_PS/PR = Device Gamma PS/Profile all = cmy0/000n setcmykcolor, rgb setrgbcolor, w setgray; - = either DH or DEH
VG = Vector Graphics; PG = Pixel Graphics; ● = realized; O = possible; - = no PG
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Remarks: 1) Realized: Mac OSX 10/10.1, Adobe FrameMaker 8, Unix, Ghostscript
OE470-7N

Frame File PostScript Code for 1-Minus-Relation (IMR)
and line 05 to change setgray to setrgbcolor
and line 09 to change setcmykcolor to setrgbcolor

```
01 %!PS-Adobe-3.0 EPSF-3.0 YK00L2FF.PS 20110301
02 /IMR-0000 (%BEG procedure IMR-0000
03 %IMR-Transform of setgray and setcmykcolor to FFM_setrgbcolor
04
05 /setgray {%BEG procedure setgray to setrgbcolor
06   dup dup FFM_setrgbcolor
07   } def %END procedure setgray to setrgbcolor
08
09 /setcmykcolor {%BEG procedure setcmykcolor to setrgbcolor
10 /FFM_k exch def /FFM_y exch def /FFM_m exch def /FFM_c exch def
11 FFM_k 0 eq {1 FFM_c sub 1 FFM_m sub 1 FFM_y sub FFM_setrgbcolor}
12   {1 FFM_k sub dup dup FFM_setrgbcolor} ifelse
13   } def %END procedure setcmykcolor to setrgbcolor
14
15 } def %END procedure IMR-0000
```

Remarks:
The FF_PS code includes: /FFM_setrgbcolor {setrgbcolor} bind def
Then setgray and setcmykcolor is changed to standard setrgbcolor
OE471-3N

Frame File PostScript Code for 1-Minus-Relation (IMR)
and line 05 to change setgray to setrgbcolor
and line 09 to change setcmykcolor to setrgbcolor

```
01 %!PS-Adobe-3.0 EPSF-3.0 YK00L2FF.PS 20110301
02 /IMR-0000 (%BEG procedure IMR-0000
03 %IMR-Transform of setgray and setcmykcolor to FFM_setrgbcolor
04
05 /setgray {%BEG procedure setgray to setrgbcolor
06   dup dup FFM_setrgbcolor
07   } def %END procedure setgray to setrgbcolor
08
09 /setcmykcolor {%BEG procedure setcmykcolor to setrgbcolor
10 /FFM_k exch def /FFM_y exch def /FFM_m exch def /FFM_c exch def
11 FFM_k 0 eq {1 FFM_c sub 1 FFM_m sub 1 FFM_y sub FFM_setrgbcolor}
12   {1 FFM_k sub dup dup FFM_setrgbcolor} ifelse
13   } def %END procedure setcmykcolor to setrgbcolor
14
15 } def %END procedure IMR-0000
```

Remarks:
The FF_PS code includes: /FFM_setrgbcolor {setrgbcolor} bind def
Then setgray and setcmykcolor is changed to standard setrgbcolor
OE471-7N

TUB-test chart OE47; 1080 colours G; series OE90 to OE99, Page 1/1
Frame File PostScript Code (FF_PS) for 1-Minus-Relation (IMR)

input: rgb setrgbcolor
output: no change

TUB registration: 20110301-OE47/OE47L0N1.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=thata