

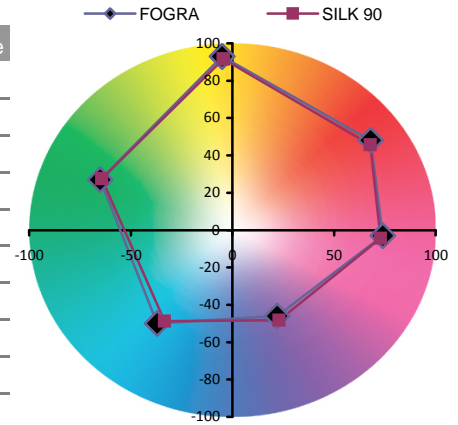
PAPER OPTICAL PROPERTIES

According to DIN ISO 12647-2 standard

Colour values for 2S COATED SILK

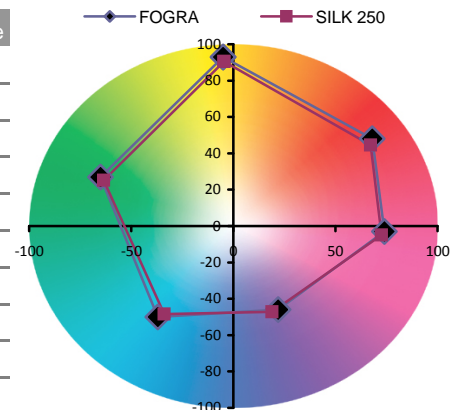
Values for substances $\geq 90 \leq 150\text{gsm}$

Colour	L*a*b* values	(ΔE)	Tolerance
Cyan	54,77/-33,38/-48,83	2,82	5
Magenta	47,53/72,96/-4,43	2,02	5
Yellow	86,07/-4,35/91,55	2,75	5
Black	16,52/1,15/2,96	3,34	5
Red	46,84/67,94/45,68	2,75	6
Green	47,93/-64,22/27,43	2,13	6
Purple	22,51/22,98/-48,28	3,89	6
Bal. grey 25%	73,51/-0,04/-2,92	0,95	2
Bal. grey 50%	56,26/0,71/-0,48	0,75	2
Bal. grey 75%	37,78/0,36/1,13	1,66	2



Values for substances $> 150 \leq 350\text{gsm}$

Colour	L*a*b* values	(ΔE)	Tolerance
Cyan	54,97/-33,86/-48,42	2,51	5
Magenta	48,51/72,58/-4,94	2,67	5
Yellow	86,68/-4,54/90,51	2,46	5
Black	17,34/0,93/2,15	2,85	5
Red	47,33/67,27/44,52	3,50	6
Green	48,38/-63,54/25,24	3,42	6
Purple	24,48/19,87/-47,12	2,84	6
Bal. grey 25%	74,43/0,96/-1,82	0,65	2
Bal. grey 50%	58,28/1,15/-0,96	1,23	2
Bal. grey 75%	39,86/1,14/-0,26	1,28	2



Comments :

This procedure has been proofed by Procograf, S.L. (agency accredited by Fogra for the DIN ISO 12647 standard)

The values are real and have been obtained under the following conditions:

- Standard offset printing process, 5 colours, size 70x100cm
- Offset inks DIN ISO 2846-1 certified
- Wet conditions without any isopropyl alcohol
- Colorimetric measurement made with XRite 528, D50, 2°, per DIN ISO 13655

Recommendations :

Use reference values of Fogra 39 (www.fogra.org)

The paper is well adapted to standard profiles, it is not necessary to create a specific profile

To test printing conditions, use either *ISO coated v2* or *ISO coated v2 300* standards (www.eci.org)

For dot gains in the print, use as targets the A for CMY and the B for the black (per DIN ISO 12647-2)