

MAGNIFICA!

New High Pigmentation Offset Four-color for extended gamut

The dream of every converters lies in making reproductions as faithful as possible to reality, and important competitive advantages are often experienced on this factor.

To ensure this opportunity for its customers, Colorgraf has created a new series of four-color process that makes possible a real extension of the gamut, combining a high concentration, so as to obtain maximum color rendering, with excellent lithographic behavior.

Intensive research has developed a new composition of vehicles so as to offer a high intensity of color and gloss thanks to their exceptional properties. These inks also allow the converter to also be used at standard density, easily reaching the full values of ISO12647-2 with very low deltaE, in order to reduce ink consumption, in combination with fast drying properties and good behavior in pile.

The advantage is therefore also represented by the convenience of not having to change ink between standard compliant prints and high-quality reproductions with extended gamut: just adjust the inking to obtain the desired result, without wasting time and easily.

*The new four-color process series has been called **MAGNIFICA!** To indicate the amazement aroused by its performances.*

*In any case, a lot of caution is suggested during the first use in production, to avoid a result that could apparently not seem completely satisfactory, however, due to the lack of knowledge of the new inks and how they should be used. **In fact, it is still a very special product, which requires the presence of our assistance service to start production,** in order to calibrate the printing conditions for adequate ink yield.*

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Field of application

Sheetfed offset machines: Supports:

- editions
- catalogs
- advertising
- packaging
- coated papers
- super smoothed papers
- coated cardboard

Main features

- fresh inks in the duct;
- very high concentration;
- excellent lithographic behaviour;
- high pile;
- excellent gloss and rub resistance.

MAGNIFICA!	Europa Scale	Light	nytro	alkali	UV / WBVarnish
Yellow	215501	5	+	+	+
Magenta	215502	5	+	-	+
Bleu	215503	8	+	+	+
Black	215504	8	+	+	+

The Light-Resistance is calculated in accordance with the ISO 12040-1997 norma.

The four-color MAGNIFICATION! is ready to use.

Refer to the print data sheet for the correct densities to hold and the profile to use for conversions to the extended gamut.

In particular situations we recommend:

- **ULTRAGEL**: to reduce ink tack value;
- **EASY DRIER 211599**: to reduce drying time.

Packaging:

2,5 Kg vacuum metal cans

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The first table below expresses the perfect conformity of the solids values with ISO12647-2, in case of use at standard density with coated papers. The second table shows the maximum densities that can always be achieved with the same substrate.

Standard Values

Col	Density	L	a	b	dE	Toll.
C	1,50	56,5	-36,5	-50,0	1,8	5
M	1,60	47,0	74,5	-4,5	1,7	5
Y	1,45	88,5	-5,5	92,5	0,5	5
K	1,95	15,0	0,0	-1,0	1,4	5
R	-	47,0	69,0	45,5	-	-
G	-	49,5	-66,5	28,0	-	-
B	-	24,0	23,5	-46,5	-	-
Paper		94,0	1,5	-4,0		

HD Values

Col	Density	L	a	b
C	2,00	49,0	-31,5	-57,0
M	2,00	42,5	76,0	6,5
Y	1,75	88,0	-4,0	103,5
K	2,25	12,5	0,0	-1,0
R	-	43,0	70,5	49,0
G	-	42,5	-71,0	26,0
B	-	18,0	22,5	-40,0
Paper		94,0	1,5	-4,0