

METALWORLD SERIES

METALWORLD is an ink series for conventional Offset Sheetfed printing, which provide metallic effect, good gloss and excellent printability. They are very versatile inks, suitable for a wide variety of applications. Especially recommended for work environments with high temperature and humidity.



PANTONE® 871 GOLD METALWORLD – C000000269
PANTONE® 872 GOLD METALWORLD – C000000272
PANTONE® 873 GOLD METALWORLD – C000000273
PANTONE® 874 GOLD METALWORLD – C000000281
PANTONE® 875 GOLD METALWORLD – C000000295
PANTONE® 876 GOLD METALWORLD – C000000296
PALE GOLD METALWORLD – C000000316
RICH GOLD METALWORLD – C000000042
RICH PALE GOLD METALWORLD – C000000041
PANTONE® 877 SILVER METALWORLD – C000000036



2846-1 en colorimetría



SGI 3201078

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TECHNICAL CHARACTERISTICS

PANTONE® METALWORLD SERIES	CODE	LIGHT (IWS)	RESISTANCE		
			ALCOHOL	NITRO	ALKALI
PANTONE® 871 GOLD	C000000269	8	+	+	-
PANTONE® 872 GOLD	C000000272	8	+	+	-
PANTONE® 873 GOLD	C000000273	8	+	+	-
PANTONE® 874 GOLD	C000000281	8	+	+	-
PANTONE® 875 GOLD	C000000295	8	+	+	-
PANTONE® 876 GOLD	C000000296	8	+	+	-
PALE GOLD	C000000316	8	+	+	-
RICH GOLD	C000000042	8	+	+	-
RICH PALE GOLD	C000000041	8	+	+	-
PANTONE® 877 SILVER	C000000036	8	+	+	+

PANTONE® METALWORLD series has been designed to achieve the metallic shades of the PANTONE® METALLIC GUIDE, from the P-871 to the P-877. In addition, any colour can be made according to the sample based on PANTONE Base. Available metallic colours in two components (paste and varnish).

INK FEATURES

- Good metallic effect
- Good gloss
- Excellent transfer
- High viscosity

PRINTING PERFORMANCE

- Printing speed: 6000 – 8000 sheets/hour.
- Quick ink/water balance, excellent press stability.
- The ink is completely adapted to different dampening systems. It has proven effectiveness with most additives on the market, with or without IPA.
- We recommend to keep pH value between 5.0 – 5.5
- Recommended film thickness: 1.5-2.0 g/m², depending on substrate.
- Duct fresh.

RECOMMENDATIONS

Application

Edition, Commercial and Packaging.

METALWORLD SERIES is suitable for printing on coated substrates, both gloss and matt, and over non-absorbents substrates. This ink has a poor metallic effect on very absorbents substrates. Suitable for all types and sizes of conventional offset printing machines.

Varnishing

This series is suitable for lamination or varnishing with a wide variety of varnishes: oiled, acrylic and UV. However, to ensure a good anchorage of the lamination or UV varnish it is necessary to apply before an acrylic Primer. The result of the varnishing depends on the absorption on the substrate and the flexibility of the layer of lacquer. Both the varnishing and lamination contribute negatively to the metallic effect of the ink. Therefore, we recommended performing preliminary tests.

Storage

Avoid its direct exposure to sunlight or heat. Storage at a temperature between 20 – 25 °C. Once the can has been opened, it should be consumed as quickly as possible to avoid skin formation. A clean and conditioned working environment, in which the temperature does not affect the ink, the paper or the machine, facilitates the good behaviour of each of them during the printing process.

METALWORLD SERIES does not have an expiration date in the short or medium term.

PACKAGING

- 1 kg
- 2,5 kg

PANTONE® METALWORLD SERIES is a design of R&D Department of MARTINEZ AYALA, S.A.



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