

METAPRINT®



# World of Metallics

P R E S S   R E A D Y   I N K S

METAPRINT® = registered trademark for press ready inks made by Schlenk Metallic Pigments GmbH

Lithogloss  
Standard Shades



**102-01** Rich Gold



**102-02** Rich Pale Gold



**102-03** Pale Gold



**102-07** Silver

Lithogloss  
PANTONE® Shades



**102-71** PANTONE® 871 Gold



**102-72** PANTONE® 872 Gold



**102-73** PANTONE® 873 Gold



**102-74** PANTONE® 874 Gold



**102-75** PANTONE® 875 Gold



**102-76** PANTONE® 876 Gold



**102-77** PANTONE® 877 Silver

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## 06 /07 **Oilbased Litho**

METAPRINT Lithoshine

METAPRINT Lithobright

METAPRINT Lithogloss

METAPRINT Lithocare

METAPRINT Lithoweb

METAPRINT Litholux

## 08 /09 **Waterbased Flexo**

METAPRINT Flexobright aqua

METAPRINT Flexogloss aqua

METAPRINT Flexocoat aqua

## 10 /11 **Waterbased Flexo/Roto**

METAPRINT Flexofilm aqua

METAPRINT Flexolux aqua

METAPRINT Rotobright aqua

## 12 /13 **UV Litho**

METAPRINT Lithobright UV

METAPRINT Litholux UV

## 14 /15 **UV Flexo**

METAPRINT Flexobright UV

METAPRINT Flexogloss UV

METAPRINT Flexolux UV

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# Schlenk Background

**Schlenk Metallic Pigments GmbH has over 125 years experience in the manufacturing of metallic pigments.**

**Schlenk is a family owned company founded in 1879 by Carl Schlenk and is still actively led by the Schlenk family.**

Schlenk employs more than 600 people worldwide and has production sites in Germany (4), Czech Republic, Slovenia, USA and China.

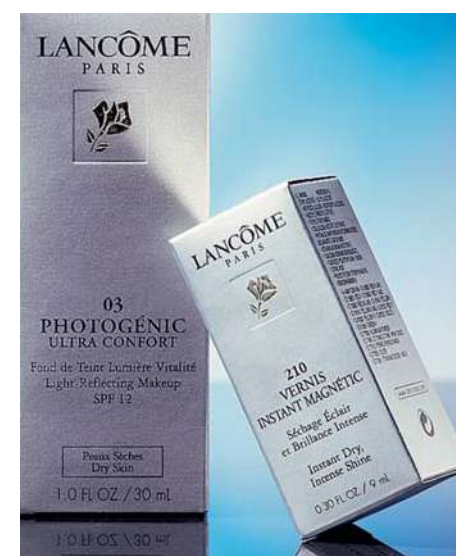
Schlenk is a technology driven company, dedicated to innovation and continuous product improvement.

Our highly skilled Research and Development teams ensure that Schlenk stays at the forefront of metallic pigment and printing ink technology.

Schlenk's world class metallic pigments are now available to ink makers in the form of ready made metallic inks.

Our comprehensive range of inks is tailored to meet the ever increasing demands of the print community.

At Schlenk, our mission is to exceed customers' expectations through technical excellence and devotion to outstanding customer service.



## A P P L I C A T I O N S



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METAPRINT **Lithoshine** inks are a cost effective range of inks. Based on high quality pigments, they are designed to give robust and flexible print performance with superior metallic brilliance. Lithoshine inks are quick setting and have excellent stability. Available in Standard and PANTONE® shades.

METAPRINT **Lithobright** inks are designed to give optimal metallic brilliance in offset printing. This is achieved through advanced pigment classification techniques giving very narrow particle size distribution. When combined with Schlenk's innovative varnish technology Lithobright inks deliver outstanding lithographic performance across a very broad spectrum of printing conditions. Lithobright is the supreme high brilliance offset metallic ink. Available in Standard and PANTONE® shades.

METAPRINT **Lithogloss** inks have been developed to deliver the highest gloss and ultimate print performance on the latest high speed printing presses. Ultra-fine, highly classified bronze powders in combination with outstanding varnish systems provide a range of inks that are the first choice for high speed printing. Available in Standard and PANTONE® shades.

2

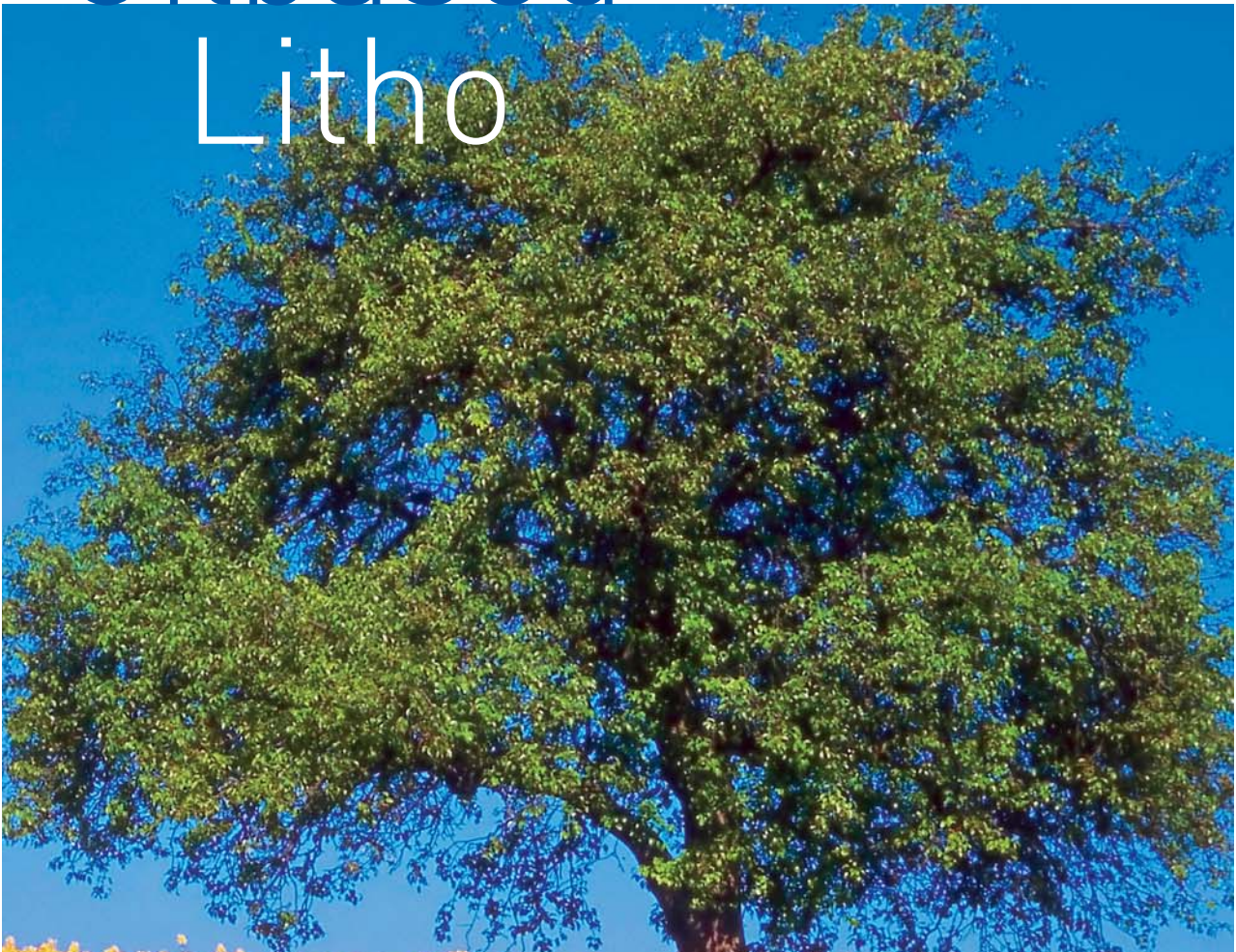
METAPRINT **Lithocare** inks are based on renewable resource vegetable oil technology and contain very low levels of V.O.C's. The exceptional feature of this technology is its ability to give vastly increased adhesion of water based and UV overprint varnishes and film laminates, when compared with other metallic inks based on conventional technology. The inks have good gloss and metallic brilliance and excellent lithographic properties. Available in Standard and PANTONE® shades.

METAPRINT **Lithoweb** heatset inks are formulated to meet the demands of the ever-increasing press speeds of the latest generation Web Offset Heatset presses. Extremely fine metallic pigments are selected to give maximum high speed transfer and gloss, whilst the vehicle system confers outstanding lithographic performance, excellent press stability and rapid heat drying. Available in Standard and PANTONE® shades.

METAPRINT **Litholux** inks are based on Decomet vacuum metallized pigment technology. Litholux delivers foil-like results in an oil based sheetfed offset silver ink. Best results are achieved on gloss paper. Suitable for labels, carton and any job where there is a need to replace high cost foiling effects.

M E T A P R I N T

# Oilbased Litho



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	METAPRINT Ink Series	Lithoshine	Lithobright	Lithogloss
Standard Shades	Rich Gold	101-01	103-01	102-01
	Rich Pale Gold	101-02	103-02	102-02
	Pale Gold	101-03	103-03	102-03
	Silver	101-07	103-07	102-07
PANTONE® Shades	PANTONE® 871 Gold	101-71	103-71	102-71
	PANTONE® 872 Gold	101-72	103-72	102-72
	PANTONE® 873 Gold	101-73	103-73	102-73
	PANTONE® 874 Gold	101-74	103-74	102-74
	PANTONE® 875 Gold	101-75	103-75	102-75
	PANTONE® 876 Gold	101-76	103-76	102-76
	PANTONE® 877 Silver	101-77	103-77	102-77

2

	METAPRINT Ink Series	Lithocare	Lithoweb	Litholux
Standard Shades	Rich Gold	152-01	142-01	
	Rich Pale Gold	152-02	142-02	
	Pale Gold	152-03	142-03	
	Silver	152-07	142-07	105-09
PANTONE® Shades	PANTONE® 871 Gold	152-71	142-71	
	PANTONE® 872 Gold	152-72	142-72	
	PANTONE® 873 Gold	152-73	142-73	
	PANTONE® 874 Gold	152-74	142-74	
	PANTONE® 875 Gold	152-75	142-75	
	PANTONE® 876 Gold	152-76	142-76	
	PANTONE® 877 Silver	152-77	142-77	

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METAPRINT

# Waterbased Flexo

METAPRINT **Flexobright aqua** – A premium water based metallic flexo ink series for use on coated paper and board substrates. Exceptional metallic brilliance for both gold and silver effects and excellent print performance give high quality metallic results.

METAPRINT **Flexogloss aqua** – Metallic water based flexo inks designed for use on a wide variety of paper and board, including uncoated and other absorbent substrates. By using small particle size, high quality metallic pigments, Flexogloss aqua inks will give high coverage print results even when using fine anilox rollers.

METAPRINT **Flexocoat aqua** – For use on flexographic adapted tower coating units of sheetfed offset presses. This enables the user to achieve the high brilliance metallic effect as seen in gravure and flexo printing. Outstanding results for both printability and appearance are delivered by Flexocoat aqua.

	METAPRINT Ink Series	Flexobright aqua	Flexogloss aqua	Flexocoat aqua
Standard Shades	Rich Gold	333-01	332-01	343-01
	Rich Pale Gold	333-02	332-02	343-02
	Pale Gold	333-03	332-03	343-03
	Silver	333-07	332-07	343-07
PANTONE® Shades	PANTONE® 871 Gold	333-71	332-71	343-71
	PANTONE® 872 Gold	333-72	332-72	343-72
	PANTONE® 873 Gold	333-73	332-73	343-73
	PANTONE® 874 Gold	333-74	332-74	343-74
	PANTONE® 875 Gold	333-75	332-75	343-75
	PANTONE® 876 Gold	333-76	332-76	343-76
	PANTONE® 877 Silver	333-77	332-77	343-77





M E T A P R I N T

# Waterbased Flexo/Roto

METAPRINT **Flexofilm aqua** – Suitable for printing on plastic substrates such as PE and PP. Flexofilm aqua will give superior printability combined with excellent adhesion and water resistance.

METAPRINT **Flexolux aqua** – Based on Decomet vacuum metallized pigment technology, Flexolux aqua delivers foil-like results in a water based flexo silver ink. Best results are achieved on gloss paper.

METAPRINT **Rotobright aqua** – Excellent metallic appearance and print performance from Rotobright aqua water based gravure ink. These inks have been developed for high speed printing and provide the optimum metallic effect expected from the gravure process.

	METAPRINT Ink Series	Flexofilm aqua	Flexolux aqua	Rotobright aqua
Standard Shades	Rich Gold	353-01		533-01
	Rich Pale Gold	353-02		533-02
	Pale Gold	353-03		533-03
	Silver	353-07	335-09	533-07
PANTONE® Shades	PANTONE® 871 Gold	353-71		533-71
	PANTONE® 872 Gold	353-72		533-72
	PANTONE® 873 Gold	353-73		533-73
	PANTONE® 874 Gold	353-74		533-74
	PANTONE® 875 Gold	353-75		533-75
	PANTONE® 876 Gold	353-76		533-76
	PANTONE® 877 Silver	353-77		533-77



METAPRINT  
UV Litho

World of Metallics



METAPRINT **Lithobright UV** – Superb lithographic performance and exceptional metallic brilliance are the major features of this range of inks. Designed for sheetfed offset printing on paper and board, these inks have been formulated to give excellent storage stability and print performance. Lithobright UV inks also have exceptional cure speed. Available in Standard and PANTONE® shades

METAPRINT **Litholux UV** inks are based on Decomet vacuum metallized pigment technology. Litholux UV inks deliver foil-like effects in UV sheetfed applications. Cost effective foil replacement effects are achieved on gloss paper. Suitable for labels, carton and any job where there is a need to replace high cost foiling effects.

	METAPRINT Ink Series	Lithobright UV	Litholux UV
Standard Shades	Rich Gold	183-01	
	Rich Pale Gold	183-02	
	Pale Gold	183-03	
	Silver	183-07	185-09
PANTONE® Shades	PANTONE® 871 Gold	183-71	
	PANTONE® 872 Gold	183-72	
	PANTONE® 873 Gold	183-73	
	PANTONE® 874 Gold	183-74	
	PANTONE® 875 Gold	183-75	
	PANTONE® 876 Gold	183-76	
	PANTONE® 877 Silver	183-77	

METAPRINT **Flexobright UV** – Premium UV curing flexographic metallic ink series with exceptional metallic brilliance for high quality results on coated paper and board. Flexobright UV inks are fast curing and have excellent print performance. Available in Standard and PANTONE® shades.

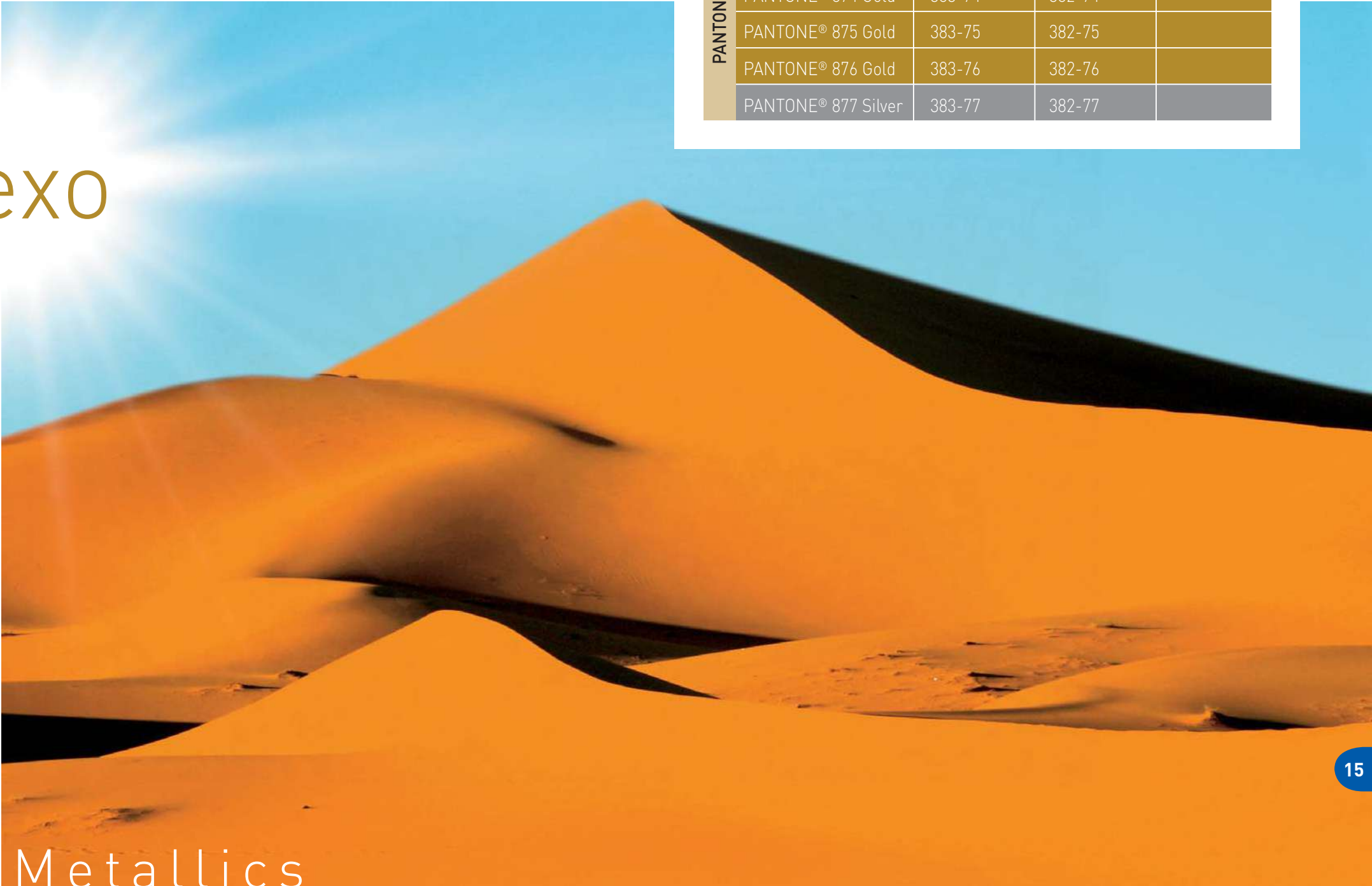
METAPRINT **Flexogloss UV** – UV curing flexo ink series giving highest coverage and gloss with outstanding printability when using fine anilox rollers. Flexogloss UV inks have excellent cure speeds and good metallic brilliance. Available in Standard and PANTONE® shades.

	METAPRINT Ink Series	Flexobright UV	Flexogloss UV	Flexolux UV
Standard Shades	Rich Gold	383-01	382-01	
	Rich Pale Gold	383-02	382-02	
	Pale Gold	383-03	382-02	
	Silver	383-07	382-07	385-09
PANTONE® Shades	PANTONE® 871 Gold	383-71	382-71	
	PANTONE® 872 Gold	383-72	382-72	
	PANTONE® 873 Gold	383-73	382-73	
	PANTONE® 874 Gold	383-74	382-74	
	PANTONE® 875 Gold	383-75	382-75	
	PANTONE® 876 Gold	383-76	382-76	
	PANTONE® 877 Silver	383-77	382-77	

METAPRINT

# UV Flexo

METAPRINT **Flexolux UV** inks are based on Decomet vacuum metallized pigment technology. Flexolux UV inks give foil-like results in UV flexo applications. Best results are achieved on gloss paper. Suitable for labels, carton and any job where there is a need to replace high cost foiling effects.





## INTERNATIONAL SUBSIDIARIES

### EUROPE

#### CZECH REPUBLIC:

ALBO SCHLENK A.S.  
TOVARNÍ 532  
CZ-68771 BOJKOVICE  
TEL.: ++420.572/64 21 21  
FAX: ++420.572/64 14 98

#### ITALY:

PIGMENTI METALLICI SRL  
STRADA PROV. PER CASELLE, 1  
I-20081 MORIMONDO (MI)  
TEL.: ++39 02 94 00 894  
FAX: ++39 02 94 07 265  
E-MAIL: [p.levaggi@schlenk.it](mailto:p.levaggi@schlenk.it)

#### SLOVENIA:

KAMNIK-SCHLENK D.O.O.  
FUZINE 9  
SI-1241 KAMNIK  
TEL.: ++386 1 83 09 440  
FAX: ++386 1 83 09 443  
E-MAIL: [info@kamnik-schlenk.si](mailto:info@kamnik-schlenk.si)

### AMERICA

#### USA:

SCHLENK-BOTH METALLIC PIGMENTS  
40 NICKERSON ROAD  
ASHLAND/MA. 01721-1912  
TEL.: ++1.508/8 81-91 47  
FAX: ++1.508/8 81 12 78  
E-MAIL: [thomas.schaller@schlenkusa.com](mailto:thomas.schaller@schlenkusa.com)

### ASIA

#### HONG KONG:

SCHLENK ASIA LTD.  
1210 SHUN TAK CENTRE  
168-200 CONNAUGHT ROAD CENTRAL  
HONG KONG  
TEL.: ++852 25 46 9069  
FAX: ++852 25 59 6552  
E-MAIL: [matthias.manzke@schlenk.com.cn](mailto:matthias.manzke@schlenk.com.cn)

#### SHANGHAI:

SCHLENK METALLIC PIGMENTS  
(SHANGHAI) CO. LTD.  
BUILDING NO. 9, NO. 99 HUAJIA ROAD,  
HUA BIN INDUSTRIAL PARK,  
SONGJIANG INDUSTRIAL ZONE,  
SHANGHAI 201600  
CHINA  
TEL.: ++86 (21) 57749910  
FAX: ++86 (21) 57749920  
MOBIL: ++86 (1391) 7029982  
E-MAIL: [matthias.manzke@schlenk.com.cn](mailto:matthias.manzke@schlenk.com.cn)

## INK OPERATIONS

### PRODUCTION; R & D; SALES & TECHNICAL SERVICES

#### GERMANY

91154 ROTH  
TEL.: ++49 (9171) 808-0  
FAX: ++49 (9171) 808-200  
E-MAIL: [pigments@schlenk.de](mailto:pigments@schlenk.de)

#### USA

ASHLAND/MA. 01721-1912  
TEL.: ++1.508/8 81-91 47  
FAX: ++1.508/8 81 12 78  
E-MAIL: [steve.clark@schlenkusa.com](mailto:steve.clark@schlenkusa.com)

#### CHINA

SHANGHAI 201600  
TEL.: ++86 (21) 57749910  
FAX: ++86 (21) 57749920  
MOBIL: ++86 (1391) 7029982  
E-MAIL: [matthias.manzke@schlenk.com.cn](mailto:matthias.manzke@schlenk.com.cn)

### SALES & TECHNICAL CENTRE

#### UK

SUITE 204, TIME TECHNOLOGY PARK  
BLACKBURN ROAD, SIMONSTONE  
LANCASHIRE, BB12 7TW  
UK  
TEL.: ++44 (0) 8708 330144  
FAX: ++44 (0) 1282 771186  
MOBIL: ++44 (0) 7989 763596  
E-MAIL: [ron.mcdonald@schlenk.de](mailto:ron.mcdonald@schlenk.de)

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HEADQUARTERS



INK PRODUCTION SITE

# World of Metallics