

Drop on demand Digital Metallic Inks

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### Achieve additional value for your digital prints with JETFLUID Metallic Inkjet inks from ECKART:

- Create a real eye catcher without using any metallized substrate
- Explore a whole new universe of metallic colors in combination with CMYK
- Show extraordinary effects by replacing the white primer on dark materials
- Gain brilliant results on non-coated standard substrates like vinyl
- Set new accents on different substrates and in many applications
- Print at your production speed, no need to slow down your machine and no special print head necessary

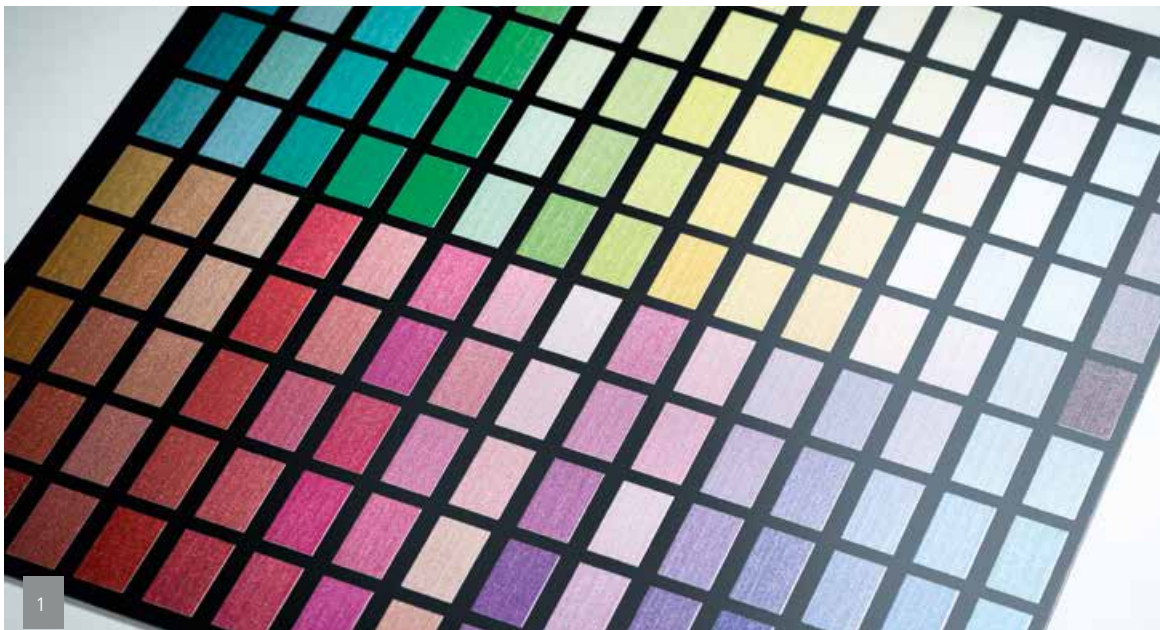


Fig. 1:  
JETFLUID UV 31023  
on polystyrene

Fig. 2:  
JETFLUID SB 11015  
on PVC

Fig. 3:  
JETFLUID UV 31023  
on leather

Fig. 4:  
JETFLUID UV 31023  
on wood



# Digital Metallic Inks and Products Overview

**JETFLUID products can be easily used in most of the common piezo technologies:**

## Digital Silver Inks, Concentrates and Master Batches

<b>Solvent-based Inkjet inks JETFLUID</b>	Chemistry	Printhead	D50	D90	Viscosity at 25°C [mPas]	Surface Tension [mN/m]	Shelf Life	Description
SB 11015	Solvent	Epson DX4 / DX5	1.5	2.0	4.8	26.0	12 months	Standard silver Inkjet ink
SB 11020	Solvent	Epson DX6 / DX7	1.5	2.0	3.4	26.5	12 months	Standard silver Inkjet ink
SB 11021	Solvent	Ricoh, XAAR, Dimatix and others*	2.0	3.6	13.8	25.0	12 months	Standard silver Inkjet ink
SB 11022	Solvent	EPSON DX5 / DX6 / DX7	1.5	2.0	3.0	27.0	3 months	Standard silver Inkjet ink for printing on glass substrate

<b>UV curable Inkjet inks JETFLUID</b>	Curing	Printhead	D50	D90	Viscosity at 25°C [mPas]	Surface Tension [mN/m]	Shelf Life	Description
UV 31022	LED	Epson DX5	1.5	2.0	6.2	28.0	12 months	LED curable silver Inkjet ink (395 nm peak)
UV 31023	LED	Konica Minolta and others*	1.5	2.0	13.5	35.5	12 months	LED curable silver Inkjet ink (395 nm peak)

<b>Master Batches for Inkjet formulations JETFLUID</b>	Type	D50	D90	Viscosity at 25°C [mPas]	Surface Tension [mN/m]	Shelf Life	Description
SB 11028	Solvent concentrate	2.0	4.0	3.8	28.5	6 months	3% pigment concentrate, w/o surfactant or binder
SB 11031	Solvent concentrate	1.5	2.0	12.8	30.5	3 months made to order	Master Batch of SB 11015 & SB 11020 with 5% pigment content
UV 31005	UV Master Batch	1.5	2.0	24.0	36.0	12 months	5% pigment concentrate, w/o photoinitiator – related to UV 31018 and UV 31019
UV 31024	UV Master Batch	1.5	2.0	112.0	40.8	12 months	9% pigment concentrate, based on monomer with increased stabilization
WB 20001	Aqueous concentrate	-	-	-	-	12 months	Additive package for WB 21001
WB 21001	Aqueous concentrate	2.0	5.0	n.a.	n.a.	12 months	25 % pigment concentrate, based on glycole

<b>Inkjet Clear Coatings JETFLUID</b>	Curing	Printhead	Viscosity at 25°C [mPas]	Surface Tension [mN/m]	Shelf Life	Description
UV 30001	UV	Ricoh, Konica Minolta XAAR, Dimatix and others*	13.5	36.0	12 months	UV curable Inkjet varnish
UV 30002	LED	Ricoh, Konica Minolta XAAR, Dimatix and others*	10.0	31.5	12 months	LED curable Inkjet varnish (395 nm peak)

<b>Flushing Fluid JETFLUID</b>	Type	Viscosity at 25°C [mPas]	Surface Tension [mN/m]	Shelf Life	Description
SB 11002	Solvent Flushing Fluid	1.7	28.5	24 months	Flushing fluid for solvent & UV inks of the JETFLUID series

**If you use an internal filter unit, please ensure that its size is not less than 20 microns.**

\* „and others“ – As there are more compatible printheads in the market, please contact ECKART for further information.

**Creating a metallic effect in the digital inkjet world requires one spot color channel at your digital printing machine. Please enquire for any needs or contact any of our distribution partners.**



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