

Metallic Inks (Standard and Metal Free)

Description

The Metallic (Standard and Metal Free) Inks has been developed to give excellent flow and stay open characteristics ensuring high quality printing of both line and fine copy details on hand and flatbed machines as well as on cylinder printing machines. The recommended solvents guarantee stays open and self solvency of inks as well as quick drying of printed substrates.

Application Suggestions

Suitable for a wide range of substrates such as rigid and flexible PVC, especially PVC for laminating and welding techniques, PVC adhesion foils, coated polyester, paper and boxboard as well as many coatings.

Product Properties

Description	Product Number	Specific Weight g/cm ³	Particle Size micron	Screen Mesh PET 1000	Minimum Consumption cm ³ /m ² g/m ²	
Metallics						
Standard Silver Metallic	392-100	1.2	17	77-55	23.3	28.0
Fine Silver Metallic	392-100/F	1.1	16	77-55	23.3	25.6
Medium Silver Metallic	392-100/M	1.3	37	77-55	23.3	30.3
Coarse Silver Metallic	392-100/G	1.3	55	43-80	53.0	68.9
Extra Coarse Silver Metallic	392-100/EG	1.3	80	43-80	53.0	68.9
Britannia Silver Metallic	392-101	1.2	20	77-55	23.3	28.0
Metal Free Metallics						
Metal Free - Fine Silver Metallic	392-100/462	1.2	<48	77-55	23.3	28.0
Metal Free - Standard Silver Metallic	392-100/463	1.2	<45	77-55	23.3	28.0
Metal Free - Coarse Silver Metallic	392-100/464	1.1	<100	43-80	53.0	58.3
Metal Free - Fine Gold Metallic	392-103/97	1.5	<25	77-55	23.3	35.0
Metal Free - Standard Gold Metallic	392-103/98	1.5	<60	77-55	23.3	35.0
Metal Free - Coarse Gold Metallic	392-103/99	1.2	<60	77-55	23.3	28.0
VISA and MASTERCARD						
Visa Silver Metallic	392-100/458	1.1	16	77-55	23.3	25.6
Visa Silver Metallic (low cost)	392-100/454	1.2	20	77-55	23.3	28.0
Metal Free - Visa Gold Metallic	392-100/466	1.2	<45	77-55	23.3	28.0
Visa Gold Metallic	392-103/95	1.2	<60	77-55	23.3	28.0
Metal Free - Visa Silver Metallic	392-103/100	1.2	<60	77-55	23.3	28.0
Visa Platinum Metallic	392-100/460	1.1	<20	77-55	23.3	25.6
Mastercard Silver Metallic	392-100/459	1.3	37	77-55	23.3	30.3
Mastercard Gold Metallic	392-103/96	1.2	<60	77-55	23.3	28.0
Mastercard Platinum Metallic	392-100/461	1.2	37	77-55	23.3	28.0

Printing Recommendations

The Metallic Inks are suitable for use with above recommended meshes and capillary films. For optimum printing 10-20% (by weight) of universal thinner should give consistency of print and good working viscosity under normal circumstances. Rotary printing requires thinning at approximately 20-30% (by weight).

Heat and Drying

The solvent composition of universal thinner is especially formulated to stay open in the screen so retarders are usually not necessary; the ink still has quick drying properties, accelerated drying can be achieved using hot air jets or infrared.

All applications using this product should be thoroughly tested prior to approval for production.

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