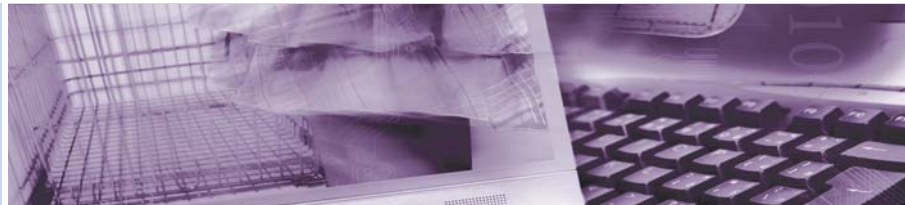


PRODUCT GROUP 140

Series 140-6104/33

Iron Ink for Magnets

(Old number: 655-05447)



This special screen printing ink allows printing of whole surface or partial iron layers on an extremely wide range of non-ferrous-magnetic substrates, especially on plastics. The so realized coatings guarantee a permanent and long-term attaching of common magnets. Application of a thick iron layer is important for good functionality; so a coarse mesh and a multilayered ink structure are eventually necessary. Typical use of this real iron-ink is decorative pin boards, but also use as technical and functional coating is possible.

The layers can be colored with the Printcolor MS-Basic colors of Series 388 or they can be overprinted with this color setting, so that the functional coating will be hidden underneath a decor.



SUBSTRATES

PVC-self adhesive foil	PVC, rigid	PS, ABS	Wood
PET-G, PET-GAG	PC	Pre-treated polypropylene (hard materials)	Various papers and cardboards

USE

Application	Primary indoor use for interactive functionality (Pin boards, white boards, etc.)
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PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	21-120 Y PW PET 1000 (multi layer 2x/3x 43-80 Y PW PET 1000)
Drying / Curing	Jet / air
Further Processing	-

ADDITIVES

Thinner	Series 600-017	Addition Ratio	15% by weight
Retarder	Series 600-018	Addition Ratio	15% by weight

VARIOUS

Delivery Conditions	1kg / 5kg / 25 kg
Other	Stir well before use

Disclaimer

Please thoroughly read the Material Safety Data Sheet (MSDS) prior to processing. The Material safety Data Sheets according to 91/155/EWG form, contain indications of hazardous ingredients. Exposure levels and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to the processing as described within this technical leaflet. Above data are based on laboratory tests and field experience. All therein contained statements are to the best of our knowledge without any obligation from our side and do not discharge from testing the product by yourself. In doubtful cases, you are kindly requested to either perform your own tests or refer to our technical staff. Application, use and processing of the delivered products are beyond our control and are therefore at your own risk and responsibility. Printcolor is thus free from any guarantees or liabilities. In cases of justified complaints, Printcolor can only be made liable for the counterpart of the utilized ink system. Adding not stated products or foreign / competitors products, is solely at your own risk and liberates Printcolor of any later calls; especially in cases when damages occurred and which have been caused through use of products of foreign type. This leaflet replaces all former issues. (01/2009)