



## PRODUCT GROUP 600

### Series 655-05447

Iron Ink for Magnets



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

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

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



#### ADDITIVES

<b>Thinner</b>	Series 600-017	<b>Addition Ratio</b>	15% by weight
<b>Retarder</b>	Series 600-018	<b>Addition Ratio</b>	15% by weight



#### VARIOUS

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

#### Precautionary measures

Read material safety data sheet prior to processing. The material safety data sheets according to OSHA form contain indication of hazardous ingredients, TLV-level and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to processing as described in this technical leaflet. The statements in our leaflets have been made to the best of our knowledge and are given without any obligation. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the printing job. In case of any doubts please contact our technical advisors. The application, use and processing of the products delivered by us are beyond our control. This is subject to your responsibility and there is no liability or guarantee on our part. In case of justified complaints the manufacturer can only be made liable for the countervalue of the used ink system. Addition of not mentioned products or competitors products are on your own risk and releases Printcolor Screen Ltd. of any later demands, especially in cases of damage and loss caused by alien products. All former leaflets are no longer valid. (01/2009)



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