



## PRODUCT GROUP 300

### Series 382-05/165

Thermo Varnish, Solvent Based



This solvent based thermo varnish has specially been designed as lamination aid for production of cards (credit cards, smart cards; PET-G and PVC systems) but is also useable for other heat bonding processes like Blister, functional lamination of different plastics or plastics with fabrics, papers or others .

Improving of card-bonding is especially needed when producing cards which are printed with offset inks. The thermo-varnish system operates as optimized melt varnish and permits, in the usual standard production process, a bonding of > 8N inside the "PVC-card-sandwich".

The applied varnish-film dries tack-free and is developing its bonding properties at temperatures starting from 120°C.



#### SUBSTRATES

PVC	Paper, paperboards	PET-G
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#### USE

<b>Application</b>	Production of credit cards, lamination aid for thermo-bonding and for packaging's
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#### PROPERTIES, PROCESSING, DRYING AND MESH

<b>Mesh</b>	64-61 Y PW up to 77-55 Y PW PET 1000
<b>Drying / Curing</b>	Jet- / Air drying, optional oven drying
<b>Further Processing</b>	Punching, cutting, laminating



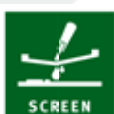
#### ADDITIVES

<b>Thinner</b>	Series 300-017/01	<b>Addition Ratio</b>	10-15% by weight
<b>Retarder</b>	-	<b>Addition Ratio</b>	-



#### VARIOUS

<b>Delivery Conditions</b>	1 kg / 5 kg / 25 kg
<b>Other</b>	Can be laminated with transparent overlay-foil



#### 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. (07/2009)