

PRODUCT GROUP 300

Series 384

Solvent Based Screen Printing Ink for Tarpaulings / Truck Canvas



Highly opaque, silky glossy screen printing ink, based on Series 388. By mixing with binder component Series 384-07, it is also suitable for printing onto various plastics, especially PVC (banners, tarpaulins, truck canvas). Especially on substrates containing lots of plasticizers and depending on the application, product suitability has first to be tested, i.e. pre-tests have to be run. Surface pollutions caused by plasticizer migrations have to be removed properly prior to printing.

Since aging process can tremendously affect the material, negative influences between substrate and ink system cannot be excluded at long term outdoor use. Therefore and for a proper long term outdoor use of the finished printings – without influencing its optical properties – overprinting with appropriate light protection varnishes is strongly recommended. The suitable product out of Printcolor's product range would be the special varnish, Series 384-5700. For over-lacquering by means of "rolling" or "painting", we would recommend use of the water based 2-component varnish Series 482-5700.

The used raw materials have particularly been chosen for high quality requirements. Therefore, outdoor use, as well as the additional bonding with corresponding hardeners, is a given fact. This increases chemical resistance, partially also adhesion as well as weather resistance, i.e. Series 600-HDA or Series 600-HDS (outdoor use) or Series 600-HDI (indoor use); addition ratio 10% by weight. In some rare cases, use of hardener may lead to embrittlement of the ink and therefore deterioration of the adhesion results.



SUBSTRATES

| | | |
|-----------------------|----------------------|---|
| Soft-PVC / Rigid- PVC | PVC-Fabric materials | PVC-Self adhesive foils and cling foils |
| PVC-Rigid foam plates | Coatings | Polyester, coated |



USE

| | |
|--------------------|--|
| Application | Plastics for advertisements and displays, label- and sticker printing, outdoor use applications onto truck canvas, tarpaulins, banners, tents, a. s. o.) |
| | Industrial and graphical applications for indoor-, as well as outdoor use |



PROPERTIES, PROCESSING, DRYING AND MESH

| | |
|---------------------------|--|
| Mesh | 77-55 Y PW PET 1000 up to 120-34 Y PW PET 1000 |
| Drying / Curing | Jet / air, optionally oven drying |
| Further Processing | Punching, cutting, grooving, HF-welding |



ADDITIVES

| | | | |
|-----------------|----------------|-----------------------|---------------------|
| Thinner | Series 300-017 | Addition Ratio | 10 - 20 % by weight |
| Retarder | Series 300-018 | Addition Ratio | 10 - 20 % by weight |



VARIOUS

| | |
|----------------------------|----------------------|
| Delivery Conditions | 1 kg / 5 kg / 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. (03/2009)