



JET[®] 200 688

Phosphorescent Screen Printing Ink

Area of Application and General Characteristics

JET[®] 200 688 is suitable for printing on PVC self-adhesive films, rigid and soft PVC, PVC copolymers, acrylics, polycarbonate, paper, cardboard etc.

After sufficient stimulation with light, prints produced with JET[®] 200 688 glow in the dark. The prints can be "charged" in daylight or with strong artificial light (e.g. fluorescent lamps). The screen printing ink is not radioactive and does not emit any harmful radiation.

Color: Yellowish-Green
Phosphorescence: Green

Weather Resistance

JET[®] 200 688 is not weather resistant. When used for outdoor purposes, the screen printing ink quickly loses its phosphorescent character.

Finish

Matt

Thinning

Thinner M 204
Addition: 10 – 15 %

Fabric

Fabrics with 30 threads/cm (76 threads/inch) must be used to get thicker films with sufficient phosphorescence. The substrate would be white.

Stencil

Solvent resistant emulsions must be used. Excellent results during long production runs are achieved by using Pröll Diazo-UV-Polymer Emulsion Norikop 10 HQ.

Drying

Physical drying by evaporation of the solvents at a relatively high drying speed.

Overprinting

JET[®] 200 688 can be overprinted with Overprint Varnish JET[®] 200 093.

Cleaning Screens and Utensils

UNI-CLEANER FP61 and UNI-REIN A III

Shelf Life

The shelf life stated on the label assures the ink's quality and refers to unopened original cans stored in a dry place at temperatures between 5 °C (40 °F) and 25 °C (75 °F).

Important

Allow the ink as well as all the auxiliaries to be added to adjust to room temperature in the closed container before use.

Printing results, to a large extent, depend on the substrate as well as the printing and application conditions. We recommend checking your printing materials under your conditions of use prior to any production runs. Materials that are supposed to be identical may vary from manufacturer to manufacturer and even from batch to batch. Some substrates may have been treated with or can contain sliding agents, antistatics or other additives which will impair the adhesion of the inks.

In general please refer to our technical leaflet "General Information on Screen Printing Inks" which may be downloaded from our website www.proell.de, click Downloads ⇒ Solvent-Based Screen Printing Inks.

The information contained in the technical information/instruction sheets or other product information sheets is based on product testing conducted by Pröll. Because printing and environmental factors critically affect each individual ink application, the above mentioned information and instructions represent only general recommendations concerning product characteristics and directions for use and should not be construed as representing express warranties regarding the product. The information and instructions in no way release the purchaser from his obligation to verify and test the inks and their application for the specific request, regarding: product characteristics, weather resistance, mixing proportions, gloss, thinning, special mixtures, printability, drying speed, cleaning, effects on or of other materials to be contacted and safety precautions. All details contained in the instruction sheet "General Information on Screen Printing Inks" are to be considered. The further manufacture and use of products containing our inks by the purchaser takes place beyond our control, and the responsibility for further application and use of our product resides solely with the purchaser. Pröll disclaims any warranties, express or implied.

This information supersedes all previous technical information.