

Ink Technologies

SOLVENT INK



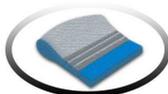
- **Aspect**
GRADR silver, GRODR or GR300R silver (for press cylinder use), matte
- **Applications**
Lottery tickets
- **Major advantages**
Good screen stability. Easy drying. Good removal without residues on the ticket while scratching. Good opacity
- **Printing**
Automatic and semi-automatic machines

TECHNICAL CHARACTERISTICS



Screens

Fabrics: all mesh types from 59 to 69 threads/cm.
Reports: emulsions and films must be solvent resistant



Squeegees

Polyurethane, hardness 65 to 75 SH



Coverage

With a 62 threads/cm fabric, 1 kg will approximately cover 25 to 30 m²



Dilution

The GR300R inks are ready to use and must not be diluted



Cleaning

Cleaning with the solvent 77BIO, 77NETX2 or X3 is recommended



Packaging

GR 1 kg
GR 5 kg



Storage

Five years in its original packaging stored in between + 5°C and + 35°C



Adhesion / resistance

For security reasons the printed substrates must be opaque. However, the substrates can be made opaque by printing a black square on the opposite side from where the numbers and motifs to be protected are printed. The VFP scratch-off inks must not be used on absorbent substrates as they prevent the ink to be removed.

Handling and storage of the lottery tickets:
6 months away from light and humidity under moderate temperatures.

Special precautions must be taken during handling of the printed sheets as the scratchable areas are sensitive to friction



Drying

Fast drying ink. Hot air drying along with good air circulation for about 30 sec at 50°C is adequate



Handling

After extraction of the ink, open pots need to be promptly and carefully closed to prevent any contamination or dust. The viscosity can be altered following solvent evaporation and will have an impact on the ink properties



Hygiene and safety

Although the products selected for the formulation are not dangerous as such, contact can cause allergic reactions in some particularly sensitive individuals. Ink soils on the skin should be cleaned as soon as possible with soapy water. In any case, refer directly to the safety sheets

Guarantee reserves

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