The above information is based on our laboratory tests and experience. Results may vary according to different press conditions. The final decision regarding the suitability of the product to particular use is sole responsibility of the user.

**GENESIS**

**Pure PU Based Ink Series for high performance lamination**

**Main Characteristics**
- Very high color strength
- Excellent bonding strength on various substrates
- Excellent printability at very high speed press.
- Suitable for solvent based and solvent-less adhesive systems.
- Very low solvent retention.
- Excellent re-solubility.
- Excellent heat resistance.
- Excellent block resistance for off-line lamination.
- Good adhesive smear resistance.
- Available for retort applications

**Printing Techniques**
- Flexography

**Printing Substrates**
- Poly Ethylene (LD, HD, MD)
- Polyester (corona and chemical treated)
- Polypropylene (COEX, BOPP)

Additional information:
Substrate to be printed needs to have a corona treatment:
- min. 38 dyn/cm for PE/PP
- min. 48 dyn/cm for polyester

**Viscosity (Din 4 at 25°c)**
- Production viscosity: 40-60 sec

**Dilution**
- **Extender and thinner**
  In order to reduce color strength add a diluting varnish:
  Adding only thinner or an excessive use of solvent may alter the characteristics of the ink.
- **Diluting**
  Genesis Extender
- **Thinner**
  Slow
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**Storage and safety**
- Store in closed packages.
- Store in well ventilated area.
- Max. 12 months in original packages.
- Mix well before use.
- Product is highly flammable.

For further information please contact us:

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Website: www.chemiprint.com

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