

# FLEXO/GRAVURE PRINTING INKS SOLVENT BASED

Solvent based inks and varnishes comprise three series, considering their application:

- PLASTOFLEX - series 92
- LAMINATFLEX - series 94
- ELASTOFLEX - series 96

**Plastoflex – series 92** are solvent based printing inks and varnishes made for application on outer surface of printing materials in flexo/gravure printing.

**Laminatflex – series 94** are solvent based printing inks and varnishes, made for application on surfaces, which are later laminated.

**Elastoflex – series 96** are solvent based printing inks and varnishes, made for application on PE-thermo-shrinkable printing materials.



### PLASTOFLEX – series 92

are solvent based printing inks and varnishes made for application on outer surface of printing materials in flexo/gravure printing. The ink includes additives, which make imprints slippery and abrasion resistant. Due to excellent printing properties the printing process is not limited by the speed of the press (high speed presses allowed). With these inks we can print on all types of flexo/gravure printing presses.

PRINTING PROPERTIES	PRINTING SURFACES	PLASTOFLEX – series 92
high gloss	treated PE, PES, PA, PP	different-purpose white inks
thermal stability up to 180°C	varnished and unvarnished PETP	basic inks corresponding to Pantone matching system
excellent tack to printing surface	treated metalized PP	special shades (custom made)
excellent abrasion resistance	cellophane (MX; MS)	set inks
optimum slipery of ink film	varnished aluminum foil	varnishes
conditional resistance of imprint to water	paper and cardboard	concentrates

### LAMINATFLEX – series 94

are solvent based printing inks and varnishes, made for application on surfaces in flexo/gravure printing, which are later laminated. The inks have no additives for slippery resistance, therefore they are not suitable for outer printing. Due to excellent printing properties the printing process is not limited by the speed of the press (high speed presses allowed). With these inks we can print on all types of flexo/gravure printing presses.

PRINTING PROPERTIES	PRINTING SURFACES	LAMINATFLEX – series 94
high gloss	treated PE, PES, PA, PP	different-purpose white inks
thermal stability up to 240°C	varnished and unvarnished PETP	basic inks corresponding to Pantone matching system
excellent printability	treated metalized PP	special shades (custom made)
excellent tack to printing surface	cellophane (MX; MS)	set inks
simple lamination	varnished aluminum foil	varnishes
not suitable for surface printing	paper and cardboard	concentrates

### ELASTOFLEX – series 96

are pigmented, thermo-stable and very elastic printing inks and varnishes based on solvents, made for application on PE thermo-shrinkable printing materials. They contain antistatic additives and special plasticizer, which gives excellent elastic property to ink (dry imprint).

#### CONCENTRATES are solvent based concentrated pigmented preparations:

- for mixing Plastoflex and Laminatflex in mixing units (concentrate + suitable binder/varnish)
- as additive to ready to use Plastoflex and Laminatflex inks to increase their colour strength
- as additive to refresh Plastoflex and Laminatflex inks
- as additive to reuse the remains of Plastoflex and Laminatflex inks, collected by colour shades

#### THINNERS

- Thinner P
- Thinner ETA (ethyl acetate) – drying accelerator
- Thinner RNE – drying retarder
- Retarder RNL – drying retarder with stronger effect

#### ADDITIVES

- Additive TP – prevents foaming
- Additive TO – improves tack and thermal stability of Laminatflex inks and varnishes
- Additive TO-92 – improves tack and thermal stability of Plastoflex inks and varnishes
- Additive TGO – improves slippery property and abrasion resistance of Plastoflex inks and varnishes