

## “PLP SPECIAL PU” INKS

series 302

|                         |   |
|-------------------------|---|
| PRINT TYPE              | Flexographic.   |
| MAIN SUBSTRATE          | Corona treated polypropylene films.   |
| OTHER SUBSTRATES        | Treated Polyolefine films; a preliminary test is recommended.   |
| RECOMMENDED THINNERS    | Ready-to-use inks, so dilution is not needed. For low dilutions or for machine washing, co-solvent mixtures for polyamide inks [the components of these mixtures are 30% Alcohol (e.g. Isopropyl or Isobutyl alcohol) and 70% aliphatic solvent (e.g. hexane or heptane)] are used. Our specific diluent: “DILUENTE PAM” (“PAM DILUENT”), code 300D/001.  |
| RETARDER                | Isobutyl alcohol. Our specific retarder: “RITARDANTE PAM” (“PAM RETARDER”), code 300D/005.  |
| CLICHE’                 | Clichè can be used which have Alcohol/benzine mixture fastness or nitrile rubber rollers.   |
| FEATURES                | Inks suitable for polypropylene adhesive tapes (with acrylic or solvent based or hot-melt adhesive) printing. With solvent-based or hot-melt adhesive an addition of 10-15% of our product “ADDITIVO PPL SPECIAL” (“SPECIAL PPL ADDITIVE”), code 303T/010 is needed. They are printed pure (diluting if necessary only) on backside. Excellent printability and gloss, good scratch and rubbing resistance. |
| NOTES                   | In winter gelling phenomena could occur; in such case, even if the ink is in a fluid phase, it may contain inactive components with which low quality prints can result. It is necessary to heat and mix the ink (using covered resistance ovens, radiators, etc., without sealing the container) (Look at Use Instructions).   |
| EXPIRY DATE AND STORAGE | The quality of the product is ensured for 12 months from the manufacture date with the product kept in the original sealed containers.<br>A storage temperature of 20°C is suggested.   |
| STANDARD PACKAGING      | Pails 10 Kg.  |



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### Instructions for correct use of PLP SPECIAL PU inks

The PLP Special PU are ready-to use inks and they can be put in the printing machine without dilution; however, if needed, a 5% diluent can be added (this doesn't result in an appreciable variation in shade and tint strength).

For low ink consumption productions (printing of small characters), we suggest diluting the ink with 5% retarder and filling only half inkwell, in order to avoid too long time permanence of the ink in the inkpot and excessive solvent evaporation.

As all polyamide inks, the PLP SPECIAL PU suffer the cold. For this series it's more difficult to get back to the original printing suitability once stored at temperatures below 18°C, because the ink contains a low thermal inert product. If the ink has been stored at low temperatures, even if it has a fluid appearance, we suggest heating and shaking it before use.

If the final prints seems faded and opaque it means that the ink still contains gelified components (and it must be further heated).



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