

Color Ink PP PAM+ADD.

Description

COLOR INKS PP PAM+ADD. are special polyamidic inks, added with a special release agent, designed for the printing of PP tapes, with water based acrylic adhesives, or printable hot-melt PP tapes or printable solvent based PP tapes (including low-noise). This special formulation produces a bright and well covering printing, nearly as clear as PAM ink without additive, but with an extraordinary ageing resistance and non blocking effect.

Application

A) PRINTING OF PP TAPES WITH WATER BASED ACRYLIC ADHESIVES (WITHOUT RELEASE):

1. Corona treatment;
2. Apply COLOR INK PP PAM+ADD. Printing machines: SIAT L 36 C or L 33/200.

B) PRINTING OF EASY PRINTABLE PP TAPES (tapes already treated by producers with special lacquers, like our RELEASE ST1). One step printing (without PRIMER and RELEASE):

1. Warm up the cylinder surface to 45°C (set the inner temperature at about 150°C);
2. Use directly COLOR INKS PAM+ADD. Printing machines like SIAT L 33 or L36.

Technical Specifications

Method of analysis	MU	Standard
67. Ford Cup Viscosity ⁽¹⁾	sec.	17 - 47 ⁽²⁾

⁽¹⁾ n. 4
⁽²⁾ n. 4 at 25°C

Handling

COLOR INKS PAM+ADD. are ready for use and they usually don't need further dilution.

Water photopolymer cliché must be used (like type "BF" or "Jet-plate", supplied by SIAT SPA, Italy or IWA PLATE, Japan). Our inks, being made by two heterogeneous components (ink + additive) with different density and different melting point, need special care:

- store and use them in a warm place during winter, at temperature not below 18°C.
- stir well before use.

If storage temperature is below + 18°C, the additive could gel. In this case warm products up to + 35°C or more (but notice they are inflammable) with a warm bath and stir them well.

If working temperature is below + 18°C, inks could gel in the printing machine basin. In this case add warmer product and stir it well.

Packing

COLOR INKS PP PAM+ADD. are supplied in 10 kg drums.

Storing

Shelf life is over 6 months, when properly stored at temperatures between +20°C and +40°C.

Notes

SUGGESTED SOLVENTS: in order to clean the printing machine, use our DILUENT C PAM, to decrease viscosity in fresh inks use THINNING VARNISH, to restore the evaporated solvents in old inks use our DILUENT C PAM plus THINNING VARNISH (1:1), to speed up their drying use max 5% of our FASTENER C PAM and to retard their drying use max 5% of our RETARDER C PAM.