

Release ST4

OBSOLETE

Description

PRINTABLE RELEASE COAT FOR PP
ADHESIVE TAPES

RELEASE ST4 is a heterogeneous solution of
synthetic resins in alcoholic/hydrocarbon solvents.

Application

RELEASE ST4 is a new compound in solvent
solution, designed to replace the normal Release coat
(Release PP 25) in the production of PP tapes, in
order to achieve tapes which will be printable with a
one step printing machine (similar to PVC tapes,
without using primer and release, and using only
suitable inks). No corona treatment is necessary.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	15±1
- Solvents		toluene / isopropyl alcohol

Handling

Before use, RELEASE ST4 must be well stirred, till
perfectly liquid. Temperature of product should
never be below 20°C before application (preferably
between 25-35°C).

Dilution: 1 pp with 15 pp of a blend of toluene and
isopropyl alcohol (70:30).

The final solution will be applied on untreated BOPP
film of 32-35 micron for 4-5 g/sqm wet. Coating
must be perfectly dried and adhesive must retain less
than 0,6 g/sqm of residual solvent.

- Pick up rolls must carry 80 lines/cm
- Rubber cliché must be resistant to aromatic
hydrocarbons
- Drying system must be very efficient

Packing

50 / 200 liters metal drums

Storing

RELEASE ST4 gels at low temperatures and must
be kept at 20°C or above.

In case of freezing, good heating and stirring will be
necessary. Stirring must also be made every time
before taking out partial quantities from containers.

Notes

PP tapes coated with RELEASE ST4 can be easily
printed in a one step process. We also have a proper
range of polyamidic inks : Color Inks PP
PAM+ADD., one component inks, ready for use.