

## Release ST4 M

### Description

#### PRINTABLE RELEASE COAT FOR PP ADHESIVE TAPES

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

### Application

**RELEASE ST4 M** is a new compound in solvent solution, designed to replace the standard release coat (**RELEASE PP 25**) in the production of PP tapes which will be printable with a single-pass printing machine. Process is similar to PVC tapes, without using primer and release, and requires using only suitable inks (see notes below). No corona treatment is necessary.

### Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	12±0.50
- Solvents		toluene / isopropyl alcohol / xylene

### Handling

- **RELEASE ST4 M must be well stirred before use**, till it becomes perfectly liquid.
- Product temperature before application should never go below 20°C (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

Metal drums, 50 / 200 liters.

### Storing

**RELEASE ST4 M** gels at low temperatures and **must be kept at 20°C or above**. In case of freezing, good heating and stirring will be necessary. Product must also be stirred every time before removing partial quantities from containers.

### Notes

Polypropylene tapes coated with **RELEASE ST4 M** can be easily printed in a single-step process.

Ichemco can also supply a wide range of polyamidic inks (**COLOR INK PP PAM+ADD.** series - one component inks, ready for use). See our web site ([www.ichemco.it/inks](http://www.ichemco.it/inks)) for a full list.