

## Release ST10 DRY

(Provisional)

### Description

**PRINTABLE RELEASE COAT FOR DOUBLE CORONA TREATED POLYOLEPHYNIC SOLVENT RUBBER ADHESIVE TAPES**

**RELEASE ST10 DRY** has a higher release effect than its similar versions **RELEASE ST8 DRY** and **RELEASE ST9 HM DRY**. It is a powder compound based on synthetic resins, easily soluble in solvent.

### Application

**RELEASE ST10 DRY** is designed to replace the normal release coat (Release PP 25S or **RELEASE K100D**) in the production of BOPP adhesive packaging tapes, for the production of tapes printable with a single-step printing machine (similar to PVC tapes, without using primer and release), using only suitable inks (see notes below).

### Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	99±1

### Handling

The best performance has been obtained with 0.25-0.3 g (dry)/sqm coating weight. Concentration shall be adjusted depending on the coating system. For standard applications, we suggest diluting with octane/isopropyl alcohol (70/30) or toluene/isopropyl alcohol (70/30) at 6% and coating 4-5 g (wet)/sqm on **flame** treated

BOPP film (minimum 42 dynes/cm).

**It is important to note that, being RELEASE ST10 DRY a heterogeneous product, the content of one single bag should be completely used up, without splitting its content into different batches.**

Application temperature of the solution shall preferably be between 30 and 40°C, and never below 20°C. Stir well before use. Coating must be perfectly dry (less than 0.6 g/sqm of residual solvent).

Solvent rubber adhesives can be coated directly on line on the other treated side of the BOPP film.

### Packaging

The product is packed in 20 kg fibre drums, containing 5 kg PE bags.

### Storing

Use within 24 months from production date (unopened and in the original packaging).

### Notes

Ichemco can supply a wide range of compatible polyamide inks (**COLOR INK PP PAM + ADD** and **ECO INK PAM RU** series - one component inks, ready to use). See our web site ([www.ichemco.it/inks](http://www.ichemco.it/inks)) for a full list. The printing machine must use specific settings (we suggest to contact SIAT SPA), e.g. the larger cylinder (opposite to the printing rolls) must be heated at 40-50°C. Before printing, brush off the surface with a felt to activate the surface by friction.