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/isoprpyl 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** serie - one component inks, ready to use). See our web site (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.

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Above information is reliable, but does not constitute warranty.

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