Release ST10 DIL.10 TA

(Provisional)

Description

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

RELEASE ST10 DIL. 10 TA is a solution of synthetic resins in a blend of toluene and isopropyl alcohol.

Application

RELEASE ST10 DIL.10 TA 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 Solvents	%	10±1 toluene / isopropyl alcohol

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).

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 supplied in iron drums (50 kg); iron drums (150 kg).

Storing

Use within 12 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) 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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