# Release WR 3003

## Description

RELEASE WR 3003 is a special water based release coating developed for Pressure Sensitive Adhesive tapes to provide controlled release effect with improved drying (higher total solids and lower cosolvent content).

## Application

RELEASE WR 3003 adheres well to treated polyolefins and masking paper. It provides excellent release on coextruded films or hot-melt coated polyolefines/PET.

## Technical Specifications

| Method of analysis | UoM | Standard |
|---|---|---|
| 1. Total Solids | % | 30 ± 1 |
| 3. Brookfield Viscosity 25°C | mPa.s | ≤ 200 (1) |
| 8. pH | | 7 ÷ 9 |

(1) No 1 RV; 100 RPM

| | |
|---|---|
| Solvents | water |

## Handling

RELEASE WR 3003 can be used by simple dilution with deionized water to a total solids concentration of 1 - 5%, applying by Meyer Bar or Gravure rolls 4 - 5 g/sqm on corona treated polyolefin (approx. 35 dyne/cm).
Release action is developed by evaporation of the water at 80 - 100°C, depending upon web speed and oven efficiency. No curing mechanism is involved.
This product may also be used to modify waterborne ink having good gloss, release power and a low coefficient of friction.
It is suggested to stir before use.

## Packaging

The product is supplied in plastic drums (50 kg); IBC containers (1000 kg).

## Storing

Product must be stored at temperatures between +5 and +35°C.

Use within 9 months from production date (unopened and in the original packaging).



Above information is reliable, but does not constitute warranty.

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