

Product

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Phoenix RC100 viscosity reducer**Product description**

RC100 is an UV- curable viscosity reducer which can be added to the radical curable Release coatings. After UV- curing it will be crosslinked into the release coating network. It will have only a minimal impact on the release performance. The reducer can be added to a level of 2- 6%. Higher amounts will result in incompatibility and maybe influence the release performance. Adding 4% will result in a 50% reduction of the original viscosity of the release coating.

Features

- Reduces the viscosity
- Improving flow and levelling
- Potentially improve the cure speed/line speed of the release coating
- Improve the compatibility of organic ingredients into a Phoenix Release coating
- Only minimal impact to the release force
- Addition levels: Start with 2%

- Viscosity: 10-20 mPa.s
- Appearance: clear liquid

Precautions

Addition to inks and coatings as supplied. RC100 needs to be stirred well into the formulation. RC100 can be stored in a dry environment with temperature between 5 – 40 °C. The shelf life is 12 months from date of production. Close container immediately after usage

Background

The information is based on our experience. Because of the differences in materials for printing, processing conditions and test criteria this information can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Your own tests with the original materials under the respective conditions are indispensable. We disclaim any liability for applications for which this product is not foreseen. The user must determine under his own production conditions if the product meets his requirements.