



Autoprint Formula Solution Pvt. Ltd.

Alphaline 96 UV RC

High gloss UV curable roller coating

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Product Description

Alphaline 96 UV RC is a UV curable coating designed for roller coat application in-line over UV curable inks or off-line over dried conventional inks.

It can be applied on a wide range of papers and boards. Product has good slip and surface wetting characteristics, high gloss, and good curing speed.

Technical characteristics

Viscosity by Ford Cup B4 @ 30°C	47 ± 3 sec
Application (coater systems)	Roller coater system (anilox, chambered doctor blade systems)
Color & Appearance	Pale straw liquid
Gloss on white coated board by gloss meter @ 60°	>90 gloss points
Print tested in lab	Using bar coater No.1 (Minimum film thickness applied 4 g/m ²)
Substrate	Printed board
Coating's lay	Good
Curing parameter in lab test	One medium pressure Hg vapor UV lamp of 300 watt, with conveyer speed of 70 m/min.
Odour of cured coating	Characteristic odor after immediate printing. After 24 h, odour vanishes

Note:

1. Preliminary adhesion tests are recommended prior to commercial run.
2. Always shake well before use.
3. Not recommended for foil stamping operation.
4. Avoid coating process on tonner-based oil based conventional ink printed Job.

Storage and handling

Product safety: This product is not recommended for low migration and low odour requirement. The Printer/Converter/Packer have the legal responsibility to ensure that the finished article is fit for the intended purpose and that ink & coating components do not migrate into the food at levels that exceed legal and industry requirements.

Shelf life: Shelf life of UV OPM is 6 months from the date of manufacturing if it is stored in sealed container below 25 °C away from heat & sunlight.

Precautions: Avoid contact of UV Coating with skin and eyes. We recommend use of disposable gloves and protective goggle.



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