



Autoprint Formula Solution Pvt. Ltd.

Alphaline 85 UV DC

Gloss UV curable ink duct coating

July 2021

Product Description

Alphaline 85 UV DC is a UV curable coating designed for ink duct 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

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| Viscosity by falling rod viscometer @ 35 °C (Metal rod with zero weight) | 1.60 ± 0.20 sec |
| Application | Ink duct dry |
| Color & Appearance | Clear viscous liquid |
| Gloss on white coated board by gloss meter @ 60° | 80 ± 5 gloss points |
| Print tested in lab | Proofing kit's 3 big holes of volume |
| 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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Disclaimer

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Contact details

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