

Product Data Sheet



UVM LED Series

DESCRIPTION : Pigmented LED curing Narrow web Flexo Ink System.

APPLICATION : Cosmetic labels, liquor labels, Shrink-sleeve, IML labels etc.

SUBSTRATES : Self-Adhesive label on wide range of Substrates like primed metalized paper, primed PE and PP, primed polyester, Shrink-Sleeve, IML, Wrap around label, Soft PVS, PS, primed Foil. Treated PP or plastic films require minimum 38 dynes/cm or above. On-line Corona treatment is recommended.

ANILOX ROLLERS :

Application	L/cm	Volume (cm ³ /cm ²)
Process	300-500	2-4
Fine Line/Text	180-260	6-7
Solid	160-180	7-8

CURING : UV LED Flexo Ink cures at web speeds in excess of 700 fpm (210m/min) when exposed to a 16W/cm² UV LED curing lamp, with an output wavelength of 395nm. LED light at a wave length of 395 nm

UV LED Flexo Ink can be affected by stray UV light in and around a printing facility. Be aware of skylights, windows and overhead lights curing the ink. Light filters are recommended. Keep ink containers covered when not in use.

TYPICAL PROPERTIES

- High colour strength
- Excellent rheology - low viscosity
- Excellent cure speed
- Adhesion to a wide range of materials
- Excellent print quality-solid and halftone
- Dual cure
- Non low migration

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SPEED	: Print up to 210 m/min
STORAGE	: Should be stored between 5 deg C and 25 deg C. Containers should be tightly closed immediately after use. All products including uncontaminated press returns and unopened containers, should be stored of temperatures between 5°C and 25°C
HEALTH & SAFETY	: Please refer to relevant SDS for information on labelling classifications, waste product and container disposal and personal protection measures.
AUXILLARY PRODUCTS	: UV Quick clean
RESPONSIBILITY	: This product has been formulated to comply with the regulations and guidelines for non-direct food contact packaging applications. However, it is the responsibility of the seller of the finished product to ensure all members of the packaging chain comply with recommended guidelines and regulatory requirements. The risk of any contamination affecting food packaging applications should be assessed prior to use. Please contact chinmay@inkstreamink.com for more information.

This information is produced to assist in the selection of products for particular applications. It is the user responsibility to test products under their own printing conditions. No liability for loss or damage through reliance on this information can be accepted as conditions of use lie outside our control.

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