Product Data Sheet

UV FLEXO SUPERNOVA WHITE

General Information

Supernova White has been developed primarily as a UV flexo basecoat white to enable the high production speeds associated with the flexo process to be maintained without compromising the high opacity needed when printing clear film substrates. Supernova white prints exceptionally well as a backing white using high volume anilox cell volumes. It is also an exceptional white for printing fine and reverse text when used with smaller anilox roll volumes. Contact Pro ColorFlex for advice on optimum anilox roll specification and print conditions. The use of high volume anilox rolls will lead to the need for frequent manual ink replenishment on most narrow web presses where ink pumping systems are not in use. Pumping systems can be employed to improve efficiencies, but it is important that if Supernova White is stored in bulk containers, air-circulation option is available to keep the ink homogenous.

Key Features

- High Density basecoat UV flexo White
- Outstanding opacity
- Optimized performance with high
- volume anilox rolls
- Exceptional adhesion
- Fast cure response
- Exceptionally smooth lay down

Application Range

Specific cure, flexibility and low curl formulations are available for different applications.

Curing

Excellent cure and adhesion are usually attained immediately upon curing; however, maximum adhesion, chemical and mar resistance may not be attained until 24 hours after curing.

Pre-Production Tests

Flexo Supernova White is formulated to adhere to transparent, top coated or corona treated polyolefins with surface tension levels of 40 dyne/cm or higher.

However, it is strongly recommended that all substrates and blocking foils be tested before use in a commercial situation. Similar substrates can vary between manufacturers, and between batches from the same manufacturer.

Certain synthetics may be impregnated with lubricants, which may migrate and may impair adhesion.

Safety and Handling

Refer to SDS for safety, handling and disposal information.