

Product Technical Data Sheet

U404 – High Adhesion Plastic Gloss UV Varnish

- Exhibits high gloss finish when applied both in and off-line
- Offers highly flexible film making it suitable for more difficult to coat substrates such as plastics.
- Provides good levels of cure speed and high slip finish

Applications

U404 should be typically applied at a 4 – 6gsm and cured using a medium pressure mercury lamp at a minimum of 200 W / inch (80 W.cm).

Properties

Viscosity (Din4 @ 25°C)	33-38 seconds
Gloss	High
Scuff/Rub	High
Slip	ST 0.25 – 0.30
Foil Blocking / Gluing	Not Suitable

Substrate

U404 has been designed for use on most plastic substrates such as polypropylene, PET etc.

Suitable for substrates above 115gsm

Care should be taken and tests conduct if used on lighter weight stocks.

Machine / Printing

U404 has been designed for in-line application over UV inks as well as both in and off-line application over conventional ink. This product can be applied via a dedicated coater or flexo system.

Inks should ideally be alkali resistant and wax free for optimum results. Testing ink suitability prior to production runs is recommended.

Storage, Shelf Life and Health and Safety

- Store in temperatures not exceeding 30°C and not falling below 5°C!
- Store on either pallets or racking in order to protect from cold floors.
- If left unopened and kept in the correct conditions this product has a shelf life of 6 months.
- Store away from direct sunlight and stir well before use.

Labeling: GHS05: Corrosion

GHS07: Exclamation Mark

Usage: Will not give rise to any significant hazard provided reasonable standards of industrial practice are maintained.

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