

80.071

UV OVERPRINT VARNISH INLINE

PRODUCT DESCRIPTION

U.V. curing varnish to be applied as an OPV with all kind of anilox systems, such as roller coater, flexo letterpress and roll to roll offset machines. It is also suitable for sheet fed offset machines that are equipped with UV curing. It can be applied via rollers and doctor blade. It is typically used on packaging and roll fed printing. It is a solvent free product, with high reactivity, fast curing, high gloss, low odour and low viscosity. It can be used inline, it is good for folding and it is pumpable.

Recommended applications:

Papers, cards and cardboard, offset inks, packaging, roll to roll applications... It is specially recommended for the web label market where hot stamping foil is not needed.

Finish:

Gloss. There is a matt version.

Presentation:

It is ready for use having a viscosity at 23°C between 50 to 80 seconds (according to ISO 3219).

Drying:

Under 80 W U.V. lamp, it superates the talc trial at speeds of 70 m/min. In general it is recommended to use with 2 lamps of 120W, although it will dry with lamps of 80W, but the speed should be adjusted.

Remarks:

This varnish is designed to be applied from water dampening unit of offline offset machines. It can be applied via rollers. To get the optimal gloss, we recommend a layer of 4-6 gr/m². Thinner coat levels won't give the maximum gloss.