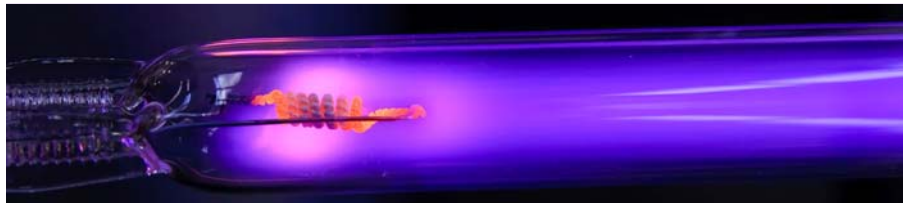


PRODUCT GROUP 500

Series 575-051
UV-Protection varnish



This UV-curable protection varnish Series 575-051 is based on highly resistant raw materials and is specifically suitable for protective lacquering of polyolefin foil materials (so called In Modul Label, IML) which has been printed with UV-Offset- or UV-Flexo-systems; good experiences also on Digital pre-printed special foils. This high-end product shows excellent mechanical and abrasion resistances and is imperishable to normal chemicals and detergents.

Furthermore, the varnish is equipped with an "UV-absorber-cocktail" to reach an extremely long weather and outside resistance. In relation to the printed substrates and the application conditions, outdoor use of > 5 years can be achieved.

The varnish is clear and shows good leveling. Built-in Nano-particles maximize scratch and abrasion resistances of the varnish layer.



SUBSTRATES

UV-Offset	PVC, rigid	Polystyrene, ABS, SAN	UV-Flexo
Polycarbonate	Pre-treated Polyolefin		



USE

Application	High-end protection lacquering
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PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	120-31 Y PW up to 150-31 Y PW PET 1000
Drying / Curing	400 mJ/cm2 (Technigraf Integrator)
Further Processing	Punching, cutting



ADDITIVES

Thinner	-	Addition Ratio	-
Retarder	-	Addition Ratio	-



VARIOUS

Delivery Conditions	1 kg / 5 kg / 20 kg
Other	This UV protection varnish can also be applied by means of flexo-printing. Special requirements in regards to roller configuration, processing, a. s. o. on request.



Disclaimer

Please thoroughly read the Material Safety Data Sheet (MSDS) prior to processing. The Material safety Data Sheets according to 91/155/EWG form, contain indications of hazardous ingredients. Exposure levels and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to the processing as described within this technical leaflet. Above data are based on laboratory tests and field experience. All therein contained statements are to the best of our knowledge without any obligation from our side and do not discharge from testing the product by yourself. In doubtful cases, you are kindly requested to either perform your own tests or refer to our technical staff. Application, use and processing of the delivered products are beyond our control and are therefore at your own risk and responsibility. Printcolor is thus free from any guarantees or liabilities. In cases of justified complaints, Printcolor can only be made liable for the counterpart of the utilized ink system. Adding not stated products or foreign / competitors products, is solely at your own risk and liberates Printcolor of any later calls; especially in cases when damages occurred and which have been caused through use of products of foreign type. This leaflet replaces all former issues. (01/2009)