

DESCRIPTION

The screen printing ink UV-QIVINPO has been formulated for instant curing in modern UV curing systems, hardening at low-level energy, reducing heat occurrences in sensitive materials, thus reducing costs.

The UV-QIVINPO series generates a shining surface, it is ready to be used, and is solids-heavy material free, does not contain NVP.

SUBSTRATUM

Vinyl, rigid PVC acrylics, and coated paper

AUXILIARY

SOLVENT

UV-QIVINPO reduces ink viscosity. It is recommended not to use more than 10 %.

PHOTOINITIATOR

The UV-QIVINPO photoinitiator is used to accelerate drying into systems or processes where required.

CLEANER

UV-QIVINPO cleaner is used to remove ink remaining in printing frames.

RECOMMENDED APPLICATION

Print with knitting monofilament polyester in a range from 140 to 180 mesh.

Low-thickness as well as solvent-resistant films and emulsions are recommended.

Rubber hardness should be between 70 and 90 shore degrees, same with triple hardness ones which provide more runs.

Performance is 90 square meters/liters approximately, depending on the selected mesh.

PRINTABILITY

The UV-QIVINPO ink is specially formulated to be use directly on the above-recommended substrates. It does not require previous preparation. It has excellent flow, which remains throughout printing.

CURING

A conveyor speed from 60 to 70 feet/minute recommended with an exposure to a medium-pressure lamp of 300 watts/in.

IMPORTANT

Due to substrates variety and printing conditions run tests accordingly before printing. Please contact our customer support technician for more information.