

Performance of HCR Series Oxygen Sensor in UV Ink

The UV-curable ink is cured and adhered to the media or substrate by UV radiation. The print is already dried when it comes out of the printer, allowing a short delivery request to be met.

Oxygen act as an inhibitor in UV curable inks since it prevents polymerization/ curing. There are two areas of interest in oxygen monitoring in UV ink industry. Oxygen must be present during UV ink storage to prevent the ink from polymerization/curing. Second area is during printing where oxygen has to be kept low to initiate UV induced polymerization

