



QUARTZ STELLAR

CATIONIC U.V. INK SYSTEM

(Prefix (QS))

DESCRIPTION

A low odour, high gloss ultra violet curing Ink System for Flexo applications that is instantly converted to a solid using an acid catalysed process. The 'Stellar' range has been certified by ISEGA to be Food Packaging Compliant in terms of migration results.

TYPICAL PROPERTIES* (FULLY CURED INK)

A high gloss and resistant surface.
100% compliance with Environmental Protection Act-VOC Free.
Excellent solvent resistance.
Excellent wet & dry rub resistance.
Low odour & taint properties.
Continues to dark cure after initial reaction.
Steam Shrinkage/ Pasteurisation resistance- **(NOT METALLICS OR FLUORESCENTS)** **

*Overprinting solvent, free radical and waterbased inks can cause serious failure and so specific tests will be required to identify acceptable working parameters - refer to Technical Department.
**The standard technical data sheet does not cover cationic metallics & fluorescents.

SUBSTRATES

The ink system is suitable for printing a wide range of polyamide casings. However, due to the nature of the substrate, some additives and binders can inhibit or poison the curing reaction. Therefore it is recommended that print tests are made on the substrate prior to commercial printing. Mirage Inks Technical Department should be consulted before printing any unproven substrate.

REDUCERS

Normally no reducers are required and no addition should be made to the ink. It is supplied press ready as a complete system. Additions of solvent and other materials may adversely affect cure rate and should be avoided. A medium is available if a reduction in colour strength is required.

QUALITY ASSURANCE

Products with the prefix and product name specified above are Quality Controlled with Mirage Inks Tests 6, 7, 8, 9, 10, 30, 52, 53, 67, 68, 100, 121, & 122 as described in the test manual. Details of all tests are available on request from our technical department.

The information given above is supplied as a guide only with the properties achieved under laboratory conditions. Mirage Inks Limited strongly recommend that you satisfy yourself as to the suitability of the product with trials. Please consult our laboratory to discuss any different requirement. As particular conditions of use and variations in quality of materials and substrates being used are outside our control, it is therefore not possible to guarantee the performance of our products.

Products supplied under this ink name / prefix, are best used within a six month period from the date of manufacture (as specified on the product label). In-line with Mirage Inks Ltd ISO 9001 procedures, retained batch samples for any product supplied under this ink name / prefix, are retained & stored at room temperature for a period of six months from the date of manufacture.

Should the product be used outside of this six month period, Mirage Inks Ltd. have no reference sample for comparative & test purposes, so cannot investigate or be held responsible for any print related problems.

Mirage Inks Ltd will not accept liability for any claim arising as a consequence of a laboratory colour matching being offered to our customer in good faith, and then subsequently Mirage's customer failing to obtain approval from their customer prior to printing / production.