

INKCUPS

TECHNICAL DATA SHEET

PRODUCT NAME: SI-HD SERIES - PAD PRINTING AND SCREEN PRINTING INK

PRODUCT DESCRIPTION:

SI-HD Series is a 2 component ink that is formulated to be an opaque, easy to use silicone ink, with a glossy appearance. Pot life is 8-12 hours with excellent elasticity.

APPLICATIONS: All kinds of silicon materials.

FEATURES:

Two-component ink
Glossy finish, great opacity, excellent elasticity
Maintains flexibility at temperatures of 50 - 200 °C (122 - 392 °F)
Pot-life from 8-12 hours at temperatures of 20 - 25 °C (68 - 77 °F)
Soft touch even if applied to high thickness systems
SI-HD ink series storage must not exceed 30 °C (86 °F).
If exposed for a long time at temperatures in excess, increase of viscosity or gelation problems may occur.

OUTDOOR RESISTANCE: Good outdoor resistance

MECHANICAL & CHEMICAL SOLIDITY: Good resistance to chemicals

DRYING PROCESS: The SI-HD ink dries and polymerizes only if inserted in the oven at temperatures of at least 93 °C (200 °F) for about 4 - 7 minutes.

COLOR RANGE:



AUXILIARIES & ADDITIVES:

SI-HD Hardener: 3%
SI-HD Solvent
Ink is ready to use but, if necessary, use the solvent from 5-10%.

PRODUCT CLASSIFICATION:

The SI-HD Series Ink is classified as NT (non-toxic) and are formulated with pigments which are free from heavy metals. Safety Data Sheets are available according to UE regulation. Main indications are carried on the product label.
Not suitable for contact with food (not conform to FDA).

NOTE:

Our technical consultancy carried out by word, writing or thorough testing are based on our best knowledge. This does not exempt the customer from carrying out their own testing on our products in order to check their suitability for adhesion.