

M908-4**Type:**

One-Component Pad Printing Ink

Unit:

KG

Application:

Polyamide(PA), Duroplast, Metal, Anodized aluminum, Stainless steel, Lacquered surfaces, Glass, Ceramic, Galvanised steel, Copper, Brass.

Properties:

The M908-4 can be printed as a one-component ink, but achieves an adhesion like a two component ink. This ink has to be cured in an oven or an Infrared drying system. The M908-4 shows a glossy finish. The print shows a good mechanical abrasion resistance as well as a high chemical resistance (weak acids, weak bases, petrol, cosmetics, detergents, organic and inorganic oils, ethyl alcohol). This ink series is suitable for outdoor applications. Excellent stability in the dishwasher (about 200 cycles with low alkaline detergents at temperature of 50-55°C).

The solidity tests must be carried out 5-6 days after printing, when the polymerization of the ink film is completed.

Drying:

Drying with heat of more than 100°C is obligatory for this ink series.

For oven drying we recommend:

100°C	30-40 minutes
120°C	15-20 minutes
150°C	7 minutes

Above 160°C, yellowing can occur which could pollute the basic colors, which is very evident in whites and in the transparent base.

Other drying systems have to be tested in order to define the needed energy for drying.

Shades:

Standard shades
Special shades
Metallic shades

Agents:

Thinner fast: MV.7S, MV.9S
Thinner: MV.7N, MV.9N
Retarder: MVZ.7L

Colour Adjustment:

Dilution: 30 - 40% per weight

Pot life:

No Pot life except for metallic shades.

Cleaner:

Universal cleaning agent: MR.4 or MRE

Storage:

Unopened in original packaging three years at room temperature, except metallic ink shades with one year

Suggestion:

Stir inks well before using
Conduct sample prints

Annotation:

Obey safety data sheet

The information given in this technical data sheet are based on up to date knowledge of ITW MORLOCK GmbH and provide guidelines which are not obligatory due to the multitude of possible influences of the production environment.