



**COLORS &
EFFECTS**

BASF
We create chemistry

Superior mirror effects for premium packaging designs

Metasheen® for screen printing

Performance

- Cost efficient compared to metallized film
- Perfect rub resistance, split-proof, and intercoat adhesion
- Formulation flexibility
- In-line printing possible
- Replacement for hot stamping and metallized substrates

Sustainability

- Environmentally friendly, significantly less waste than alternative technologies,
- e.g. hot stamping

Metasheen® for screen printing

Metasheen® is a vacuum metallized pigment (VMP) dispersion that helps ink formulators to achieve unique mirror-like effect inks.

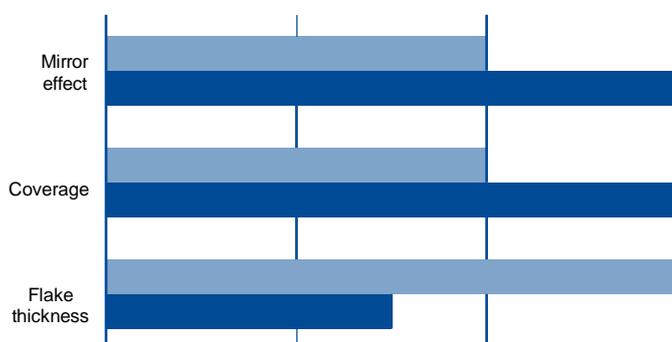
The different Metasheen® series vary in shade, hiding power, and brilliance to perfectly meet the needs of your application. The dispersions are supplied as a slurry in a variety of solvents suitable for almost all ink systems.

At a glance

	Particle size d50	Solid content in solvent	Recommended resins	Application
Metasheen® 41-0710	8.5–11.5 µm	10% Aluminum slurry in Methoxypropanol	Acrylic, PVB, Polyester	
Metasheen® 41-1110	8.5–11.5 µm	10% Aluminum slurry in Butyl Glycol	PVB	Screen printing, 3C, in-mold decoration
Metasheen® 41-1310	8.5–11.5 µm	10% Aluminum slurry in Methoxy Methyl Butanol (MMB)	Acrylic, PVB, Polyester	
Metasheen® 71-0710	11–13 µm	10% Aluminum slurry in Methoxypropanol	Acrylic, PVB, Polyester	

Key properties

— 71 series — 41 series



To ensure the best results with Metasheen® dispersions, please observe the guidelines below

Optimum silver mirror effect

Most suitable: 41 series

Achieving colored effects

To achieve an optimum effect, reverse print Metasheen® onto transparent substrate and apply colored lacquer / varnish to the surface of the film.

To formulate mirror ink with solvent-soluble dyes, transparent pigments, or pigment preparations to obtain a polychromatic effect.

For a cleaner colored effect, the 71 series is most suitable.

Shades



Contacts

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