

# Series 140-ME100/05

## Solvent-based Mirror Ink, brilliant

The solvent-based mirror ink Series 140-ME100/05 is used to create a mirror-like effect and is suitable for printing on transparent plastics in reverse printing. On dark substrates, chrome-similar effects can be reached by direct printing. On suitable substrates, the ink is resistant to abrasion and scratches even without reverse printing. For absolute Tesa resistance, 3 per cent of the hardener Series 600-GL can be added (depending on the substrate).

The mirror silver is press-ready. If required, the viscosity of the ink can be further reduced by adding thinner Series 140-ME100/017. To improve the opacity, the mirror ink Series 140-ME100/05 can be backprinted using the backprint Series 140-3103/xxx. Please see fact sheet Series 140-3103/xxx. Backprinting ensures the protective function of the mirror ink against mechanical stress and, at the same time, increases the opacity. The special formulation of the backprinting ink allows the printing of the mirror silver ink without affecting the mirror effect by choosing «mild» components.

Please note that the layer applied to the mesh can also have an influence on the mirror effect. The additives contained in the layer can interfere with the mirror effect during printing. It is recommended to clarify this with the supplier before printing.

### Specifications

<b>Thinner</b>	Series 140-ME100/017
<b>Addition ratio</b>	5–15 % by weight
<b>Hardener</b>	Series 600-GL
<b>Addition ratio</b>	3 % by weight
<b>Mesh</b>	140.31 to 150.31
<b>Drying</b>	Forced air-drying at 40 °C
<b>Substrates</b>	PVC, PC, PMMA, PS, PET variants, glass (after preliminary testing)
<b>Further processing</b>	-
<b>Application</b>	Transparent plastics
<b>Available quantities</b>	1 kg, 5 kg, 20 kg
<b>Shelf life</b>	12 months
<b>Other</b>	Stir well before use.

**Important information:** Our technical advice whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, such claims shall be limited to the value of the goods delivered by us and utilized by you with respect to any and all damages not caused intentionally or by gross negligence. (T30/04/2022)