

# Series 140-5113/05

## UV Primer

The UV curing adhesion promoter Series 140-5113/05 has been developed for critical substrates and adheres very well to various substrates such as C-PP, PET, metals or metalized films. The primer can be used to produce weather resistant as well as chemically and mechanically resistant products.

For highest demands, processing in combination with hardener as a «Dual Cure System» is a prerequisite (UV curing + chemical cross-linking). For this purpose, a hardener component of 10 % by weight is added before application (processing window approx. 24 h). This makes water- and temperature resistant applications such as the sterilization in autoclaves possible.

The product is especially recommended as a primer for digital inkjet or Xeikon applications, but not for HP Indigo or water-based inkjets.

### Specifications

<b>Thinner</b>	Series 500-017
<b>Addition ratio</b>	5-10 % by weight
<b>Hardener</b>	Series 500-GL
<b>Addition ratio</b>	5-10 % by weight
<b>Cleaner</b>	Series 500-URS
<b>Roller type</b>	Anilox, pick-up volume 2.5–7 cm <sup>3</sup> /m <sup>2</sup> , ruling 385–240 lines/cm
<b>Curing</b>	250 mJ/cm <sup>2</sup> Technigraf UV-Integrator
<b>Substrates</b>	Coated and treated PE-HD-PP, on inks, metal and metalized films, PET
<b>Indoor use / outdoor use</b>	Outdoor use (in combination with the hardener)
<b>Overprinting</b>	Yes
<b>Available quantities</b>	1 kg, 5 kg, 20 kg
<b>Shelf life</b>	12 months
<b>Others</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 / 05/2019).