

Series 550

Water-based Flexographic Ink, Water-based Pigment Inks, VOC-containing

These water-based inks exhibit similar properties and fastness as the solvent-based inks of Series 500. They are highly pigmented and supplied with relatively low viscosity. This enables sharp, high-color-intensity prints.

The inks are sensitive to frost. Therefore, a storage temperature of 12–15 °C should not be undercut. Both rubber and photopolymer printing plates are suitable for processing the ink.

Printing Process: Flexographic Printing

Specifications

Thinner	Water or Water/Alcohol (8/2)
Addition ratio	5–10 % (as required)
Retarder	Ethoxypropanol
Addition ratio	As needed, max. 5 %
Hardener	Alcohol or Isopropanol mixed 1:1 with water beforehand
Addition ratio	As needed, max. 10 %
Auxiliary Agents	Defoamer 970-67701 (add max. 1%) Special Additive 970-63449 (Adjust pH value)
Bledn	550-61110
Substrates	Paper, Cardboard
Delivery conditions	10 kg, 20 kg
Shelf life	12 months
Various	Clean the machine with water. Dried ink can be dissolved with alkaline water (add some ammonia or use an alkaline cleaning agent). 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. (T35 / V1 / 08/2024)