

Series 325

Solvent based Screen Printing Ink for non-pretreated Polyester

Silky mat screen printing ink, Series 325, for printing on non-pretreated polyester. Series 325 is typically

used for production of display bands for buses and trains.

Application

- › Display bands for busses and trains

Substrates

Substrate	Rating	Hints
Polyester, non-pretreated	★★★★★	

Legend ★★★★★ Very well suited ★ Detailed pre-tests necessary

Properties / Characteristics

Feature	Rating	Hints
Alcohol- and gasoline resistance	★★	
Resistance to adhesives	n/a	
Block resistance	★★★	
Flexibility	★★★★★	
Gloss	★★	Silky mat
Resistance to hand sweat	n/a	
Light fastness	★★★	
Abrasion resistance	★★	
Pigmentation	★★★★★	
Screen openness	★★★★★	
Temperature resistance	★★★★★	-40°C up to 80°C
Drying	★★★★★	
Moldability	n/a	
Weather resistance	★★★	

Legend ★★★★★ Very good product properties n/a No information available
 ★ Product properties not available

Product Range

Others	Series 325-00	ST white
	Series 325-05	Varnish
	Series 325-33	ST black

Auxiliaries

Thinner	Series 300-017	Addition ratio	10 - 20% by weight
Retarder	Series 300-018	Addition ratio	Max. 10% by weight

Note: a detailed overview of all available auxiliaries can be found in a separate data sheet.

Processing

Cliché

All commercially available clichés can be used.

Stencils

All commercially available and solvent resistant stencils can be used.

Drying

Drying of series 325 depends on the layer thickness as well as on the substrate and the auxiliaries used.

Usual parameters (without addition of retarder):

Air	Physically fast drying. Overprintable after 10-15 minutes at 20°C ambient temperature / 50% relative humidity.
Continuous dryer	The recommended drying temperature is 40-60°C.

Further Processing

- › Punching
- › Cutting

Cleaning

Stencils and squeegees should be cleaned with Series 300-URS or Series 300-BRS in a timely manner.

Special Features & Tips

Adhesion and scratch resistance	Time delayed adhesion and scratch resistance.
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Productivity

Depending on the color shade, a productivity of 50-70 m²/kg is to be expected with press-ready ink (20% thinning) and use of mesh 120.34.

Others

Delivery	1 kg / 5 kg / 25 kg
Certificates / standards	www.printcolor.ch/certificates
Other	Stir well before use. Information on shelf life can be found on the cover label.

Safety Information

Actual Material Safety Data Sheets according to EC-Regulation 1907/2006 are available for all products mentioned in this data sheet.

Issued on	Revision on	Edited by	Version
01.09.2015	-	T21 / T06	1

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 for 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.