
Screen

NC 572-SERIES

17th of March 2008

NC 572-series is an excellent choice for paper printing, appearance is glossy and the ink is drying well with low temperatures. The ink is easy to use and it has low odour. You'll find this ink suitable for many substrates. Series has 14 basic colours with trichromatic shades as well.

ADHESION:

NC 572-series can be used on paper, board, corrugated board and hard board. Also for pre treated polyethylene and wood.

THINNING:

For hand printing applications approx. 10-20% of retarder 503-99033 should be used. For semiautomatic machines 15-23% of thinner 503-00801 and for cylinder machines 20-30% of thinner 503-00801. If you have fine lines or dots use retarder.

PRINTING:

Meshes between 100-140T are recommended but you can use thinner or thicker mesh as well. With 120T mesh your coverage is 50-70m² /kg depending which substrate you are using. The ink is self soluble and you can leave the ink on the mesh during breaks. Mesh is opening after few strokes.

DRYING:

In temperature 50-60 °C drying takes approx. 10-20 seconds when using thinner meshes. With 90-100T meshes or when printing multicolour job, temperature should be raised to 70 °C. Air drying takes approx. 4-10 minutes. You can use 572-series in both side printings also. Take care that sheets are cooled before running them on pile.

SHELF LIFE:

572-series inks should be stored in sealed metallic containers at temperatures between (5 – 30°C or 40 – 90 °F). They have minimum shelf life of 12 months, but can remain usable for longer periods depending on the storage conditions.

ETHANOL CONTENT:

572-series inks are ethanol-free. 572-series inks may however, contain small residues (less than 1 % by weight) of ethanol coming from the manufacturing process or from raw materials, but ethanol is not intentionally used.

PACKING:

5 kg and 10 kg metallic pail.

This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. Since we cannot anticipate or control the conditions under which our products are used it is not possible to guarantee their performance. All sales are subject to our standard terms and conditions of sale.

We would point out that the information contained in this leaflet is only a recommendation and may need to be altered to suit the conditions and efficiency of the equipment employed. SunChemical Screen products are not designed for use in conjunction with those of any other ink maker or similar supplier unless agreed in writing.

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NC 572 COLOUR RANGE

Yellow	572-22300	Blue	572-44500
Yellow	572-22400	Blue	572-44600
Red	572-33300	Green	572-55300
Red	572-33400	Black	572-77100
Red	572-33500	White	572-99300
Blue	572-44300	Opaque White	572-99400
		Silver	572-99103
		Gold	572-99102

PROCESS INKS

Process Yellow	572-25000	Process Magenta	572-35000
Process Cyan	572-45000	Process Black	572-77100T
Process Base	572-00211		

THINNERS AND ADDITIVES

Thinner	503-00801	Retarder base	572-00880
Retarder	503-99033	Overprinting varnish	059-00250
Blending varnish	572-00806	Overprinting varnish UV	SUVO6630

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