



Ultratone TN Trichromatic Screen Inks for Paper & Board

Ultratone TN is designed for the production of high quality four-colour halftones on paper and board.

Poster Pastes

Certain adhesives and poster pastes can adversely affect the printed ink film and customers are recommended to ensure that those used to mount the printed work are compatible with the inks employed.

Standard Colours

Ultratone TN to DIN 16538/9	
TN052	Yellow
TN135	Magenta
TN215	Cyan
TN004	Black
TN396	Extender Base

Available in 5 ltr containers.

Solvents

ZC521	Thinner
ZC529	Retarder

Available in 25, 5 and 1 ltr containers.

Trichromatic Concentrates TZ

Trichromatic Concentrates TZ have been specially designed for use in Ultratone TN. They may be added to strengthen one or more of the trichromatic colours in order to obtain higher colour values to suit particular production methods (e.g. the use of ultra fine screen fabric).

Use of Trichromatic Concentrates TZ is recommended in preference to Universal Tinters because printing and drying performance are not impaired.

TZ052	Yellow
TZ135	Magenta
TZ215	Cyan

Available in 1 ltr containers.

Safety and Handling

Ultratone TN:

- Is formulated to be free from any (toxic) carcinogenic, mutagenic or reprotoxic chemicals.
- Is formulated free from lead and other heavy metals and therefore should comply to the EN71-3: 1988 Toy Safety Standard.

Information on the safety and handling of Ultratone TN screen inks and solvents is given in the appropriate Sericol Safety Data Sheets, available upon request.

Environmental Information

Ultratone TN:

- Does not contain ozone depleting chemicals as described in the Montreal Convention.

Main Characteristics

Finish

Satin

Drying

Jet drying: 30-50°C, 12-18 seconds.

Air drying: 3-5 minutes.

Thinning

25-30% ZC521.

Hot shop conditions use ZC529.

Wash-up

ZC521, Seriwash Universal Screen Wash or Actisol Superjet Screen Spray.

Mesh

Nos. 100-140 monofilament.

Stencil Type

All solvent resistant.

Recommended:

Dirasol 916 or Dirasol 902 or Indirect or 25 micron capillary film

Coverage & Mesh No.

80-90 m²/ltr. No. 120.

Applications

Paper, display boards, corrugated boards.

Colour Range

Four colour process to DIN 16538/9.

Properties

Exceptional screen stability and self solvency. Scuff and rub resistant finish. Ultra fast, cool jet drying. High definition, particularly in shadow areas.

Co-Use With Other Inks

Ultratone TN may be mixed with Tristar GT, Prostar OS, Hystar HY, Colorjet CO and Coolstar OT. Ultratone TN may also be printed over these inks, but should not be overprinted by Tristar GT.

IMPORTANT:

Stir well before every use.

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

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