

# TCI 8700

## DESCRIPTION

One and two component solvent-based ink with glossy finish for pad printing.

## SUBSTRATES

Paper, PVC, ABS, PES, PC, PMMA, PET, PET-G

## FEATURES

- Good printability
- Good flexibility
- Good opacity
- Excellent chemical resistance

## TECHNICAL FEATURES

SCREEN PRINTING	
Frame Th/cm	Max 165 Th/cm
Squeegee	60-65 shore 70-75 shore
Drying	Dust free after 20 min. at room temperature, completely dried after 24 h. Few min. whit hot air 50/60°C.
Thinner	<i>Thinner 10 (code VXTH10L1 and VXTH10L5)</i>
Retarders	<ul style="list-style-type: none"> <li>• Retarder 4 (code VXTH4L1)</li> <li>• Retarder 8 (code NTH8L1 and NTH8L5)</li> </ul>
Additives	<ul style="list-style-type: none"> <li>• Gel Retarder C.L. (code VXGELRETARDCLL1)</li> <li>• Polyester Bonding Improver (code VXPOLBONDNO.1)</li> </ul>
Hardener	<i>Hardener N. 2 (VXHR2NO.1)</i>
Cleaning	<ul style="list-style-type: none"> <li>• Cleaner 920 (code NCL920L5)</li> <li>• Eco Cleaner (VXECFCLEANL1)</li> </ul>

## PREPARATION

Before using, the ink must be well mixed and, in case, diluted according to the printing requirements.

Hardeners must be always added before dilution or any addition of other additives, and the pot-life of the hardened product is about 48 hours.

In order to increase adhesion onto difficult substrates, that are hard to be printed such as polypropylene, it is recommended to add up to 10% *Hardener N.2*.

In order to increase adhesion onto polyester, it is possible to add up to 20% *Polyester Bonding Improver*.

## COLOUR RANGE

### WHITES AND BLACKS

Code	Product	Pack.
VX8701EOL1	TCI 8701 WHITE EO	1 l
VX8701EOL5	TCI 8701 WHITE EO	5 l
VX8701LL1	TCI 8701 WHITE L*	1 l
VX8702EOL1	TCI 8702 BLACK EO	1 l
VX8702ML1	TCI 8702 BLACK M*	1 l

### COLORMATIC COLOURS\*

Code	Product	Pack.
VX870AL1	TCI 8700 A LEMON YELLOW	1 l
VX870BL1	TCI 8700 B GOLDEN YELLOW	1 l
VX870CL1	TCI 8700 C ORANGE	1 l
VX870DL1	TCI 8700 D RED	1 l
VX870EL1	TCI 8700E CARMINE	1 l
VX870FL1	TCI 8700 F PINK	1 l
VX870GL1	TCI 8700 G BRIGHT VIOLET	1 l
VX870HL1	TCI 8700 H PERM. BLUE	1 l
VX870KL1	TCI 8700 K PERM. GREEN	1 l

**OPAQUE COLOURS**

Code	Product	Pack.
VX8706L1	TCI 8706 MEDIUM YELLOW	1 l
VX8707L1	TCI 8707 BRIGHT ORANGE	1 l
VX8710L1	TCI 9910 BRIGHT RED	1 l
VX8715L1	TCI 9915 SKY BLUE	1 l
VX8727L1	TCI 8727 BLUE	1 l
VX8738L1	TCI 8738 BRILLANT GREEN	1 l
VX8739L1	TCI 8739 SPRING GREEN	1 l
VX8788L1	TCI 8788 ULTRA BLUE	1 l
VX8792L1	TCI 8792 BLU TRAF. SIGN	1 l
VX8794L1	TCI 8794 VERDE TRAF. SIGN	1 l
VX8796L1	TCI 8796 ROSSO TRAF. SIGN	1 l
VX8797L1	TCI 8797 GIALLO TRAF. SIGN	1 l
VX8798L1	TCI 8798 ROSSO SCURO TRAF. SIGN	1 l
VX8728L1	TCI 8728 GIALLO CROMO	1 l
VX8740L1	TCI 8740 RED	1 l
VX8730L1	TCI 8730 RUBY RED	1 l
VX8736L1	TCI 8736 OPAQUE PINK	1 l
VX8742L1	TCI 8742 DARK BLUE	1 l
VX8760L1	TCI 8760 VIOLET	1 l

**FOUR-COLOR PROCESS**

Code	Product	Pack.
VX8751L1	TCI 8751 YELLOW	1 l
VX8752L1	TCI 8752 CYAN	1 l
VX8753L1	TCI 8753 MAGENTA	1 l
VX8754L1	TCI 9954 BLACK	1 l
VX8750L1	TCI 8750 BASE TIX	1 l

**OTHER PRODUCTS**

Code	Product	Pack.
VX87461L1	TCI 8746-1 PALE GOLD	1 l
VX87462L1	TCI 8746-2 RICH GOLD	1 l
VC8700SSL1	TCI 8700 SPARKLING SILVER	1 l
VX8747L1	TCI 8747 SILVER	1 l
VX8700PBL1	TCI 8700 PEARL BASE	1 l
VX8749L1	TCI 8749 CLEAR	1 l

**STORAGE**

The products, kept in their sealed original packages away from heat sources and at a temperature between 15 and 30 °C, have a shelf-life of two years.

**IMPORTANT NOTE**

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us of the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.