

## TEXTOPLAST HS 7610

Plastisol Inks for Cotton, Polyester, Cotton Polyester Blends & Linen Fabrics

### Application

Plastisol inks with high colour strength and opacity designed to print on garments of cotton, Polyester, Cotton Polyester blends and linen fabrics

### Characteristics

- Excellent crack resistance and wash fastness
- Brilliant & High Opaque colors suitable for light as well as dark colour garments
- PVC & Phthalate Base ink
- Suitable for direct and cold - peel transfer printing
- Soft hand finish

### Printing Conditions

- Screen mesh – recommended 40 to 300 mesh/inch (18 to 120 mesh/cm) or finer mesh depending on the type of job. For heat transfers, 90 to 150 mesh/inch (35 to 60 mesh/cm) gives the best result
- Squeegee – soft or medium hard polyurethane squeegee
- Stencil – all solvent resistant emulsions and stencil films are suitable

### Curing Procedure

Plastisol inks can be cured at 150 - 160°C for 2 to 3 minutes to achieve full wash fastness. Alternatively, the prints can be dried at 120-125°C for 8 - 12 seconds and the dried prints are to be fused/cured with transfer paper under desired pressure at 180 - 190°C for 10 - 15 seconds.

Flash curing - The curing time required for flash curing depends upon the type and wavelength of the source and its distance from the print. The curing time also depends upon other factors such as fabric, ink colour, thickness of the ink film and the area of the print, etc

### Range

Matching System - Almost any shade can be matched by mixing the selective inks of the matching system which comprises of the basic shades as follows

## Spot Colours

CODE	Description
HS 7601	Plastisol white
HS 7602	Plastisol super white
HS 7603	Plastisol black
HS 7604	Plastisol br. Yellow
HS 7605	Plastisol lemon yellow
HS 7606	Plastisol golden yellow
HS 7607	Plastisol old gold
HS 7610	Plastisol bright red
HS 7611	Plastisol dolphin orange
HS 7612	Plastisol bright orange
HS 7616	Plastisol scarlet red
HS 7617	Plastisol national red
HS 7618	Plastisol cardinal red
HS 7619	Plastisol maroon
HS 7620	Plastisol rhodamine red
HS 7621	Plastisol pink
HS 7622	Plastisol true blue
HS 7623	Plastisol br. Royal blue
HS 7624	Plastisol contact blue
HS 7625	Plastisol turquoise blue
HS 7626	Plastisol royal blue
HS 7627	Plastisol decan blue
HS 7628	Plastisol navy blue
HS 7629	Plastisol dr. Navy blue
HS 7630	Plastisol violet
HS 7631	Plastisol russel purple
HS 7634	Plastisol dallas green
HS 7635	Plastisol kelly green
HS 7636	Plastisol light brown
HS 7637	Plastisol chockelet brown
HS 7638	Plastisol buff

HS 7639	Plastisol flesh tint
HS 7640	Plastisol khaki
HS 7641	Plastisol brandy wine
HS 7642	Plastisol purple
HS 7645	Plastisol silver grey
HS 7646	Plastisol steel grey
HS 7648	Plastisol spl. Trans. Clear
HS 7649	Plastisol trans. Clear for glitter
HS 7650	Plastisol extender base

## Process Colours

HS 7651	Plastisol proc. Cyan
HS 7652	Plastisol proc. Magenta
HS 7653	Plastisol proc. Cyan
HS 7654	Plastisol proc. Black
HS 7655	Plastisol curable thickner
HS 7660	Plastisol ultra white
HS 7661	Plastisol olympia white
HS 7668	Plastisol bright white
HS 7670	Plastisol opaq hi density
HS 7671	Plastisol trans hi density
HS 7672	Plastisol puff ink
HS 7673	Plastisol puff additive
HS 7674	Plastisol printable adhesive
HS 7675	Plastisol litho back up white

## Fluorescent Shades

HS 7681	Plastisol fluo lemon yellow
HS 7682	Plastisol fluo gn yellow
HS 7683	Plastisol fluo orange
HS 7684	Plastisol fluo orange
HS 7685	Plastisol fluo magenta

## Note

- It must be ensured that the entire thickness of the ink film is given enough time to reach the cure temperature to achieve the desired resistance properties
- The cure schedule must be evaluated by testing the print for the desired wash schedule
- Users should satisfy themselves for the compatibility of Plastisol inks with specific fabrics and the desired resistance properties before commencing production run.
- Users should always test for curing, adhesion, crocking, wash ability and other requirements before commencing production run.

**Note** - This information is compiled based upon field experience and extensive laboratory testing. However, customers are requested to satisfy themselves that the products meet their requirements in all respects before starting a print run. Since the printing conditions are not under our control, no guarantee can be given for their performance