



# TEXTILE PRINTING

## TEXIPLAST 5000

Code N° 165400

Technical Data Sheet N° 2/TP

29<sup>th</sup> March 2002

Plastisol inks for textile printing.

- highly covering and soft; bright colours for light and dark fabric
- suitable for wet-on wet printing and for transfer
- heat curing at low temperatures
- short intermediate drying times (flash-cure)

**PREPARATION:** TEXIPLAST 5000 colours are ready for use.  
The viscosity of the inks can be reduced without affecting the coverage, by adding max. 2% of TEXIPLAST ADDITIVO 554.  
The addition of max 5% TEXIPLAST ADDITIVO 33 makes the inks more liquid, elastic and bright.  
Puff effects in direct printing can be obtained with 5 to 20% TEXIPLAST ADDITIVO RIGONFIANTE (see data sheet TEXIPLAST ADDITIVI).

**COLOURS:** 18 shades of the colour chart plus white, BIANCO EXTRA with very high coverage and BIANCO FAST for fast drying with IR dryers.  
Yellow and red are available in two versions: with and without lead pigments.  
The colours may be mixed together in any ratio.  
For the preparation of a specific colour we recommend not to mix together more than three basic colours, in addition to the white.  
When making pastel shades we suggest always to check that the colour does not alter with the time.  
For printing on light-coloured fabric, the ink can be extended with TEXIPLAST AS TRASPARENTE

**SCREENS:** flat screens: max 90 th/cm

**HEAT-CURING:** all colours, except BIANCO EXTRA: temperature 140-150°C, 2-4 minutes  
BIANCO EXTRA: temperature 150-160°C, 2,5 - 4 minutes.

**TRANSFER:** print TEXIPLAST 5000 on silicon paper with a final coat of TEXIPLAST TRANSFER (see the relative data sheet).  
It is also possible to transfer the ink without TEXIPLAST TRANSFER: dry the print for 40 to 20 seconds at 110-120°C and transfer with the press for 15 to 20 seconds at 190°C. Peel off the silicon paper when cold.

**PRINTING:** for high thickness prints, screens with max. 18-24 th/cm are recommended.  
for flat prints, use screens with max. 66-77 th/cm.

**CLEANING:** screens and utensils should be washed with white spirit or SCREEN CLEAN ST.

**WASHING:** with minimum polymerisation you achieve wash resistance at 60°C, while with maximum polymerisation the garment can be washed at 90°C. Not suitable for dry cleaning.

**PACKINGS:** 1, 5 and 25 lt.

#### ADVICE

The printing results depend on many factors and we recommended to make thorough preliminary tests to confirm our directions for use.  
Mix thoroughly before use. Protect against freezing. All LECHLER spa products bear the safety labels complying with the current regulations and up-dated safety data sheets according to EEC norms are available upon request.  
IMPORTANT – Only the correct use of the product will allow satisfactory results. For this reason, closely related to the product supplied, Messrs. LECHLER must decline all direct and indirect responsibility for the proper or improper use of the product. Basic conditions for the right use and application of the product: make certain that products is right for the destined use - work according to the instructions given in our technical data sheets - before use contact our Technical Service in case of doubt. Messrs. LECHLER decline all direct or indirect responsibility for the sale of the product, in case the buyer, in use and application of the product, has omitted to proceed according to the above mentioned condition. In relation to the many methods and application possibilities of the product, the seller declines responsibility in case application or use of the product should prejudice rights of a third party.