

# WHITES & CLEARS - K2 & K3 Series

## PRODUCT CHARACTERISTICS

Zydex offers **new generation eco friendly, RSL Compliant products** for **Textiles with Manual Printing & Automatic Printing Machines to get Softer feel & Smooth Texture.**

The Garments produced from these prints will **meet OekoTex 100 standards for baby wear category.**

## PRODUCT CHARACTERISTICS

- Water Based
- Excellent Screen Stability
- Excellent Elasticity and free from cracks on stretchable fabrics
- Soft Handle
- Excellent Wash & Rub Resistance (Wet & Dry)

## WHITE PASTES

### TABLE GRADE

|                |  |
|----------------|--|
| <b>K2</b>      | <b>Low Opacity</b> White for Colour Making & Dilution of high solid products         |
| <b>K 200</b>   | <b>Medium Opacity</b> White for Light & Medium Ground Fabric                         |
| <b>K 200+</b>  | <b>Medium Opacity</b> White for Light & Medium Ground Fabric <b>with softer feel</b> |
| <b>K 2000</b>  | <b>High Opacity</b> White for Dark Ground Fabric                                     |
| <b>K 2000+</b> | <b>High Opacity</b> White for Dark Ground Fabric <b>with softer feel</b>             |

### MACHINE GRADE

|                |  |
|----------------|--|
| <b>K3</b>      | <b>Low Opacity</b> White for Colour Making & Dilution of high solid products         |
| <b>K 300</b>   | <b>Medium Opacity</b> White for Light & Medium Ground Fabric                         |
| <b>K 300+</b>  | <b>Medium Opacity</b> White for Light & Medium Ground Fabric <b>with softer feel</b> |
| <b>K 3000</b>  | <b>High Opacity</b> White for Dark Ground Fabric                                     |
| <b>K 3000+</b> | <b>High Opacity</b> White for Dark Ground Fabric <b>with softer feel</b>             |

## TABLE GRADE WHITES : K2 Series

| Products        | K2              | K200            | K200+  | K 2000 | K 2000+ |
|-----------------|-----------------|-----------------|--------|--------|---------|
| Type of Product | White Paste     |                 |        |        |         |
| Opacity         | Low             | Medium          |        | High   |         |
| Back Ground     | Pastel to Light | Light to Medium |        | Dark   |         |
| Feel            | V.Good          | Good            | V.Good | Good   | V.Good  |
| Stretch         | High            |                 |        |        |         |
| Print Finish    | Matt            |                 |        |        |         |
| Mesh            | 48T to 62T      |                 |        |        |         |

## WHITES & CLEARS - K2 & K3 Series

### MACHINE GRADE WHITES : K3 Series

| Products        | K3              | K300            | K300+  | K 3000 | K 3000+ |
|-----------------|-----------------|-----------------|--------|--------|---------|
| Type of Product | White Paste     |                 |        |        |         |
| Opacity         | Low             | Medium          |        | High   |         |
| Back Ground     | Pastel to Light | Light to Medium |        | Dark   |         |
| Feel            | V.Good          | Good            | V.Good | Good   | V.Good  |
| Stretch         | High            |                 |        |        |         |
| Print Finish    | Matt            |                 |        |        |         |
| Mesh            | 62T-120T        |                 |        |        |         |

### CLEAR PASTES

| Products        | K2 Clear (T.G.)                     | K2 Clear | K2 Clear + | K3 Clear+ |
|-----------------|-------------------------------------|----------|------------|-----------|
| Type of Product | Base polymer paste For color making |          |            |           |
| Feel            | Soft                                |          | Super Soft |           |
| Texture         | Smooth                              |          |            |           |
| Stretch         | High                                |          |            |           |
| Print Finish    | Shiny                               |          | Matt       |           |
| Mesh            | 48T-62T                             | 62T-120T | 48T-62T    | 62T-120T  |

|                        |  |
|------------------------|--|
| <b>Curing</b>          | 150°C for 3 Minutes  |
| <b>Wash Durability</b> | <p><b>5 Wash Cycles**</b><br/>                     (At 60°C using Sodium Perborate (4.2 gm.) + TAED (0.63 gm.) + ECE detergent (16.17 gm.) in front load washing machine with 3 Kg. dummy fabric.</p> <p>*To be tested 24 hours after printing<br/>                     **<b>Relaxation Time</b> : 1 hour time between 2 Successive Wash</p> |

### QUALITY ASSURANCE TO RETAILERS

Zydex products show almost 90% retained performance **in terms of stretch, smoothness & Softness** like the original print **even after 5 standard wash cycles.**

## WHITES & CLEARS - K2 & K3 Series

### RECIPES

Stretch & Washing fastness of Zydex K2 & K3 Inks can be further enhanced with the use of Zydex K2 Clear Gel.

The proportion of White : Clear can be chosen based on following broad parameters:

- ✓ Fabric Type & Quality
- ✓ Print Design
- ✓ Screen Quality
- ✓ Atmospheric Conditions
- ✓ Post Printing condition (Drying, Curing)
- ✓ Washing Standards desired by end customer.

### STORAGE & SHELF LIFE

- Do not store in direct sun or at a temperature exceeding 35°C.
- Always keep the lid closed after withdrawal of material from the can.
- After opening the container, please add 50 ml of water for extended storage.
- Minimum shelf life of the product is 18-24 months. (Under ideal storage conditions)

### DISCLAIMER

The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored. Handled and used are beyond our control, we cannot assume any responsibility for their use by the customers.