

## **Suzy Thermo Inks** **(Plastisol Base Temperature Sensitive Colour Changing Inks)**

### **GENERAL INFORMATION :**

Suzy Thermo Inks are ready to use Temperature sensitive colour changing inks with reversible effect by exposure to Heat. It is available in different colour shades.

When temperature increases, molecular structure of colour pigment changes & colour disappears. Again when temperature decreases, it reverses back to original shade.

Shades Available :

- 1) Red
- 2) Yellow
- 3) Royal Blue
- 4) Orange
- 5) Purple
- 6) Green
- 7) Black

### **METHOD OF PRINTING:**

#### **A) For Colour to Colourless Printing Effect :**

1. Print Suzy Thermo Ink directly without adding any pigments by applying two strokes and flash cure the print.
2. Again print by applying two strokes and dry the print. (Double Print)
3. Cure the print at 150°C.

**Note :** Here Print will appear to be coloured (selected shade). When temperature increases, it will turn colourless.

#### **B) For Colour to Colour Change Effect: (For example: From Yellow to Orange)**


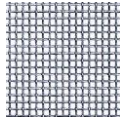
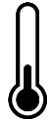



1. For Yellow to Orange colour changing effect, we Need to Take **Suzy Thermo Ink (Red)**.
2. Add Suzy Print Plain (Yellow) to above ink. So Ink appears to be Orange in colour.
3. Print by applying two strokes and flash cure the print.
4. Again print by applying two strokes and dry the print. (Double Print)
5. Cure the print at 150°C.

**Note :** Here Print will appear to be Orange (Yellow + Red). When temperature increases, molecular structure of red changes & it changes to colourless. So print appears to be Yellow.

**Contact us** for List of Various Colour changing combinations.



**SPECIFICATIONS :**

	<p><b><u>Fabric Type :</u></b> Cotton / Poly Cotton Blends</p>		<p><b><u>Mesh :</u></b> 32 – 77T (86 – 200 )</p>
	<p><b><u>Cure Temperature :</u></b> 3 mins at 180 °C or Fuse for 8 – 10 secs</p>		<p><b><u>Addtives :</u></b> 1 to 2% Reducer if required</p>
	<p><b><u>Storage :</u></b> In cool place &amp; avoid direct sunlight. Close the cointainer properly to avoid drying of inks.</p>		<p><b><u>Cleaning :</u></b> Clean with Turpentine or Ethyl Acetate</p>

*The above information is given as per best of our knowledge and in good faith but without warrantee. We do not accept any legal responsibility for the contents in the literature. Users must take full lab test and trail before the use.*

