

Thermochromic Liquid Crystal Ink – MSA5000

Description

The H. W. Sands MSA5000 screen printing ink is a microencapsulated Thermochromic Liquid Crystal (TLC) mixture. This water based ink has been developed for application to clear polyester and PVC substrates. As with all TLC color changing materials, the color are best visualized against a dark (preferably black) background. These dark backgrounds may also be applied by using another ink. In this case, this background ink should be a solvent based ink so as not to interfere or mix with the MS5000 during the application and drying process.

To achieve the best visual impact, 2-3 coats of the MSA5000 are recommended. In addition, as these materials are not scratch resistant, they should be over-coated with a laminate layer of some sort. In the laminating process, application temperatures should be kept below 175C so as not to diminish the color change capability of the liquid crystal.

These inks have a limited shelf life (3-6 months) and are guaranteed for this period when unopened. They should be stored at an ambient temperature of 20 – 25°C, preferably in the dark.

Price Schedule

Quantity	Unit Price
1 kg	\$650 /kg
5 kg	\$505 /kg
10 kg	\$450 /kg
50 kg	\$390 /kg
100 kg	\$360 /kg
250 kg	\$315 /kg

****Prices quoted are in US Dollars, FOB Jupiter, FL and are valid for 30 days. **
Please note that we have a minimum order policy of \$500.00.**