



#### **CANADA**

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Date:

## **PLASTISOL BLACK - 5120**

### **Technical Data Sheet**

- **Wet Ink Tack:** Medium
- **After Flash Tack:** Low
- **Printability:** Excellent
- **Surface:** Low Glossy
- **Opacity:** High
- **Viscosity:** Medium
- **Bleed Resistance:** Low
- **Cure Temp:** 320°F.
- **Squeegee Hardness:** Medium/Hard
- **Squeegee Blade:** Sharp
- **Squeegee Angle:** 45 degrees to screen.
- **Squeegee Speed:** Medium
- **Emulsion:** Direct
- **Mesh Count:** 110 – 305 mc in (43-120 mc cm)
- **Screen Mesh:** upto 305 Mesh
- **Reducer:** SE-17
- **Thickener:** N/A
- **Storage:**
- **Cleanup:** Water and Mild soap or detergent
- **Substrate type:** Cotton, Poly/Cotton.
- **Washing:** Gentle cycle, Cold/Hot Wash.

### **Description**

**PLASTISOL BLACK (5120)** is a Phalate and Heavy Metals free PVC based Black color printing ink, for screen printing onto textiles of 100% cotton, poly/cotton composition fabrics.

#### **Features:**

- Excellent opacity.
- High Elasticity.
- Smooth running on automatic machines.
- Best results on light colour fabric or with underbase Plastisol White.
- Feasible for Direct and Heat Transfer printing.
- Feasible for wet on wet printing.

#### **Application:**

PLASTISOL BLACK (5120) is a ready to use paste. Holds a capability of accepting 3-5% SE-17 plastisol ink viscosity reducer. Stir in the container and pour the ink onto the screen. Make sure to adjust the flash temperature if printing between a multicolor print, or choose a suitable screen mesh for wet on wet printing. After printing, cure at a recommended temperature of 180C for 2 minutes to achieve the best elasticity and durability.

#### **Special Recommendations:**

- **PLASTISOL BLACK (5120)** should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make **PLASTISOL BLACK (5120)** test negative for restricted metals.
- Do not leave the container open to the atmosphere, to avoid contamination and achieve a stable shelf life.
- For best results on dark garments, use Plastisol Snow White (PLC-111), as under base.