



CANADA

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Date:

PLASTISOL MATTE BLACK-5121

Technical Data Sheet

- **Wet Ink Tack:** Medium
- **After Flash Tack:** Low
- **Printability:** Excellent
- **Surface:** Matte
- **Opacity:** High
- **Viscosity:** Medium
- **Bleed Resistance:** Low
- **Cure Temp:** 280°F - 290°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 120T
- **Reducer:** SE-17
- **Thickener:** N/A
- **Storage:** 18° C to 35° C
- **Cleanup:** Water and Mild soap or detergent
- **Substrate type:** Cotton, Poly/Cotton.
- **Washing:** Gentle cycle, Cold/Hot Wash.

Description

PLASTISOL MATTE BLACK is a Phthalate and Heavy Metals free Plastisol Black color printing ink, for screen printing onto textiles of 100% cotton, poly/cotton composition fabrics.

Features:

- Excellent Depth.
- High Elasticity.
- Smooth running on automatic machines.
- Feasible for Direct and Heat Transfer printing.
- Feasible for wet on wet printing.

Application:

MATTE BLACK-5121 is a ready to use paste. 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 for 2 minutes to achieve the best elasticity and durability.

Special Recommendations:

- **PLASTISOL MATTE BLACK** 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 MATTE BLACK** test negative for restricted metals.
- Do not leave the container open to the atmosphere, to avoid contamination and achieve a stable shelf life.