



# Technical Data Sheet

MP8-0190

Stark 100% Cotton White  
Non-Phthalate

**Description:** MP8-0190 Stark Cotton White is a non-phthalate bright premium white that has excellent coverage on dark garments. It delivers good printability and visual appearance with high brightness. Lower viscosity allows for finer mesh counts.

**Substrate:** 100% cotton garments light, medium, dark.

|                             |                    |                     |
|-----------------------------|--------------------|---------------------|
| <b>Physical Properties:</b> | Wet Ink Tack       | Low                 |
|                             | Surface Appearance | Satin Finish        |
|                             | Opacity            | High                |
|                             | Gel Point          | 160 °F              |
|                             | Flash Temp         | 230°F               |
|                             | Fusion Temp        | 320°F               |
|                             | Squeegee Blade     | 70° - 80° durometer |
|                             | Mesh Count         | 86 – 156 mc in      |

**Performance:** Print MP8-0190 Stark Cotton White straight from the container through mesh ranging from 86 to 156 mc without modification of the viscosity. Use finer mesh counts for softest hand and good opacity.

**Storage and Handling:** 65°F to 95°F avoid direct sunlight. **Never exceed temperatures above 95°F during storage.**

**Special Recommendations:** Any modifiers and additives should be mixed in clean containers using clean mixer blades and ink knives. Any contamination from other ink sources could make the ink test positive for restricted phthalates. Do not dry clean, iron or bleach the printed image.

Monarch Color does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSC HR-4040 and Oeko-tex Standard 100. The plasticizers identified may include di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP) benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), di-n-octyl phthalate (DnOP), (DIBP), Di-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Monarch plastisol direct to fabric screen printing inks. Monarch does not test the final product for amounts of the above mentioned phthalate plasticizers and esters and advises users to conduct testing for their intended use.