



#### RECOMMENDED FABRICS

100% Cotton  
50/50 Cotton/Polyester Blends  
Some Polyesters



#### INK APPLICATION

Matte Black 718 should be used right from the container without any modifications



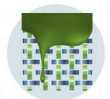
#### ADDITIVES

If modification is necessary, use 1% to 5% by weight 1110 Curable Reducer



#### SCREEN MESH

60-230 t/in (24-90 t/cm)  
monofilament



#### EMULSION

Any direct or indirect emulsion or capillary film in the 35 to 70 micron range



#### SQUEEGEE

60-70 Durometer  
Sharp edge



#### CURE TEMPERATURES

275°F-325°F (135°C-163°C)  
entire ink film



#### CLEAN-UP

Any eco-friendly plastisol screen wash



#### PRODUCT PACKAGING

Quart, 1 gallon, 5 gallon, 30 gallon or 50 gallon containers



#### STORAGE OF INK CONTAINERS

65° to 90°F (18° to 32°C)  
Avoid storage in direct sunlight  
Keep containers well sealed



#### SDS

Refer to SDS prior to use

#### FEATURES

Matte Black 718 is a non-phthalate, high pigment, fast flashing, low tack, high performance, matte finish, plastisol screen printing ink.

Matte Black 718 provides a deep matte black color that is very creamy, short bodied and is easy to print on automatic or manual presses, and can cure as low as 275°F (135°C).

Matte Black 718 achieves excellent penetration into fabrics when printing through fine mesh counts.

#### SPOT FLASHING

Matte Black 718 will spot dry, with a very low after flash tack. Dwell time is dependent on the spot dryer used. In some cases, you may have to lower the heat of the spot cure unit because too much heat may actually make the ink tacky. When you spot dry, you are only partially fusing or gelling the surface of the ink. The ink should be just dry to the touch, with no lift-off, but not totally fused. Final fusing or curing should occur in the dryer.

#### IMPORTANT INFORMATION

Matte Black 718 was formulated to make printing opaque black easy, so hand printing is less tiring. The result is improved operator performance. Automatic equipment can be adjusted to lower pressure settings, thus improving screen life and squeegee durability.

Matte Black 718 prints so easily that a finer screen mesh can be used to achieve the same opacity as what you would expect from other opaque black inks at lower mesh counts.

Matte Black 718 is not a color-mixing black ink.

Fibrillation can occur when printing on some cotton fabrics, especially when printing through finer mesh counts.

Adding any reducers or additives can lower bleed resistance, reduce opacity, or increase cure times of the ink. **STIR** the ink prior to printing on press and after addition of reducers or additives.

Test dryer temperatures and wash test printed product before and during a production run.

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