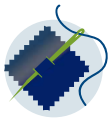
International Coatings™
Textile Screen Printing Inks

PHANTOM BLACK™ 716



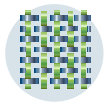
RECOMMENDED FABRICS
100% Cotton
50/50 Cotton/Polyester Blends
Some Polyesters



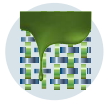
INK APPLICATION
Phantom Black™ 716 should be used right from the container without any modifications



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
325ºF (163ºC) 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

Phantom Black™ 716 is a non-phthalate, high pigment, fast flashing, low tack, high performance plastisol screen printing ink.

Phantom Black™ 716 provides a deep black color that is very creamy, short bodied and is easy to print on automatic or manual presses.

Phantom Black™ 716 achieves excellent penetration into fabrics when printing through fine mesh counts.

SPOT FLASHING

Phantom Black™ 716 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

Phantom Black™ 716 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.

Phantom Black™ 716 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.

Phantom Black™ 716 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.

DISCLAIMER

Recommendations and statements made are based on International Coatings' research and experience. Since International Coatings does not have any control over the conditions of use or storage of the product sold, International Coatings cannot guarantee the results obtained through use of its products. All products are sold and samples given without any representation of warranty, expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purpose. This applies also where rights of third parties are involved. It does not release the user from the obligation to test the suitability of the product for the intended purpose and application.

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