



716 PHANTOM BLACK™



RECOMMENDED FABRICS

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



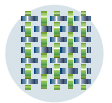
INK APPLICATION

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



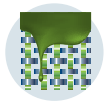
ADDITIVES

If modification is necessary, use 1% to 5% by weight 1199 Curable Reducer



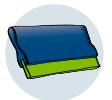
SCREEN MESH

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

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

716 Phantom Black™ provides a deep 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).

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

SPOT FLASHING

716 Phantom Black™ 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

716 Phantom Black™ 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.

716 Phantom Black™ 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.

716 Phantom Black™ 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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13929 E. 166th St., Cerritos, CA 90703 • PH (800) 421-6971 or (562) 926-1010 • FAX (562) 926-9486 • E-mail icinfo@iccink.com • www.iccink.com

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VISIT US ONLINE
SourceOne.Nazdar.com

CALL US
888-578-5713

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