

Black Ink Comparison Chart

13929 East 166th Street • Cerritos, California, USA 90702-7666 • Tel (562) 926-1010 • Fax (562) 926-9486 • www.iccink.com

PRODUCT NUMBER	RECOMMENDED FABRICS	BLEED RESISTANCE	DRYER TEMPERATURES	OPACITY	FLASH	MESH
For General Purpose						
Phantom Black™ 716	100% Cotton Cotton/Polyester Blends	N/A	FlexCure™ 275°F-325°F (135°C-163°C)	Excellent	Very Good	60-230 Monofilament
Comments: Non-Phthalate, high pigment, fast flashing, low tack, high performance plastisol screen printing ink. Deep black color.						
Ultimate Black™ 717	100% Cotton Cotton/Polyester Blends	N/A	FlexCure™ 275°F-325°F (135°C-163°C)	Excellent	Very Good	60-230 Monofilament
Comments: Non-Phthalate, high pigment, fast flashing, low tack, high performance plastisol screen printing ink.						
Matte Black 718	100% Cotton Cotton/Polyester Blends	N/A	FlexCure™ 275°F-325°F (135°C-163°C)	Very Good	Very Good	110-305 Monofilament
Comments: Non-Phthalate, matte finished black plastisol ink.						
AXEON™ Non-PVC Stealth Black™ 1246	100% Cotton Cotton/Polyester Blends	N/A	325°F (163°C)	Very Good	Very Good	60-230 Monofilament
Comments: Non-PVC, Non-Phthalate, high pigment, fast flashing, low-tack, high performance screen printing ink.						
For 4 Color Process						
Pro-Brite™ Black 784	100% Cotton Cotton/Polyester Blends	N/A	325°F (163°C)	Good	Very Good	110-305 Monofilament
Comments: Non-Phthalate, process black for 4 color process.						
For Mixing						
AXEON™ Non-PVC UltraMix® Color System Black 1236	100% Cotton Cotton/Polyester Blends	N/A	325°F (163°C)	Very Good	Very Good	110-305 Monofilament
Comments: Non-PVC, Non-Phthalate, mixing black used to create Pantone® or custom colors using International Coatings' UltraMix® Pantone® color matching software.						
UltraMix® Color System Black 7536	100% Cotton Cotton/Polyester Blends	N/A	325°F (163°C)	Very Good	Very Good	60-230 Monofilament
Comments: Non-Phthalate, mixing black used to create Pantone® or custom colors using International Coatings' UltraMix® Pantone® color matching software.						
UltraMix® All-Pro™ Black 9222	Nylon 100% Cotton Cotton/Polyester Blends Some Polyester	N/A	FlexCure™ 275°F-325°F (135°C-163°C)	Very Good	Very Good	110-305 Monofilament
Comments: Non-Phthalate, quick flashing, 2-part mixing black for printing onto normally hard to print nylon fabrics. Well suited for fine detail and halftone printing using finer mesh screens. Part of the UltraMix® 9000 Series Pantone® Color System.						

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PRODUCT NUMBER	RECOMMENDED FABRICS	BLEED RESISTANCE	DRYER TEMPERATURES	OPACITY	FLASH	MESH
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For Low Build

Low Build Black 7617	100% Cotton Cotton/Polyester Blends	N/A	FlexCure™ 275°F-325°F (135°C-163°C)	Very Good	Very Good	110-305 Monofilament
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Comments: Non-Phthalate, low build black formula suited for large production jobs.

For Specific Printing Purpose

Black 16	100% Cotton Cotton/Polyester Blends	N/A	325°F (163°C)	Very Good	Very Good	86-160 Monofilament
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Comments: Non-Phthalate, high pigment black for use on 100% Cotton as a direct print or cold peel transfer ink.

All-Pro™ Black 902	Nylon	N/A	FlexCure™ 275°F-325°F (135°C-163°C)	Very Good	Very Good	86-305 Monofilament
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Comments: Non-Phthalate, high pigment black formulated for use with 900 Catalyst to print on nylon fabrics. Can also be used with powder adhesive, to make cold peel transfers for use on open mesh nylon fabrics. Transfer application: 305°F to 375°F (180°C to 190°C), 10 to 12 seconds, cool or cold peel.

Performance Pro Black™ 7116	Cotton/Polyester Blends 100% Polyester Nylon	Very Good	FlexCure™ 275°F-300°F (135°C-148°C)	Very Good	Very Good	110-230 Monofilament
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Comments: Non-Phthalate, high pigment black formulated for use on performance fabric. Great stretch properties.

For Bleed Blocking

Guardian Gray™ 7043	Cotton/Polyester Blends 100% Polyester	Excellent	FlexCure™ 275°F-325°F (135°C-163°C)	Very Good	Very Good	83-160 Monofilament
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Comments: Non-Phthalate, dark gray ink blocks dye migration on problem fabrics that contain polyester or sublimated dyed fabrics

AXEON™ Non-PVC Guardian Black™ 1240	Cotton/Polyester Blends 100% Polyester	Excellent	FlexCure™ 275°F-325°F (135°C-163°C)	Very Good	Very Good	83-160 Monofilament
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Comments: Non-PVC, Non-Phthalate, blocks dye migration on problem fabrics that contain polyester or sublimated dyed fabrics

For Soft Hand

Sentri Black™ 3817	100% Cotton Cotton/Polyester Blends	N/A	325°F (163°C)	Very Good	Very Good	60-230 Monofilament
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Comments: Non-Phthalate printing black to achieve super soft hand prints, excellent penetration into fabrics when using fine mesh counts. Excellent for all-over prints

AXEON™ Non-PVC Soft Hand Black 1817	100% Cotton Cotton/Polyester Blends	N/A	325°F (163°C)	Very Good	Very Good	60-230 Monofilament
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Comments: Non-PVC, Non-Phthalate printing black to achieve super soft hand prints, excellent penetration into fabrics when using fine mesh counts. Excellent for all-over prints