

7100 PERFORMANCE PRO™



International Coatings'™ new **7100 Performance Pro™ Series** allows printers to print on a variety of today's popular performance fabrics, including 100% Polyester, Poly-blends, moisture management, and stretch fabrics.

7100 Performance Pro™ Series was specifically designed in response to customer demand for an ultra low bleed, non-phthalate, low cure ink that could be printed on performance fabrics and other sports-related garments.

- **7100 Performance Pro™ Series** comes in 8 colors plus a base.
- **7100 Performance Pro™ Series** has exceptional bleed resistance and stretch. 7100 is press ready and offers excellent wash-fastness.
- **7100 Performance Pro™ Series** can be used on 100% polyester and cotton/poly as well as poly-stretch blend fabrics.
- **7100 Performance Pro™ Series** is creamy and easy to print through a variety of mesh counts.
- **7100 Performance Pro™ Series** cures at 285°F - 300°F (140°C - 149°C), slightly lower than conventional plastisol, to help fight dye migration in polyester fabrics.

Order **7100 Performance Pro™ Series** today and test it yourself! **7100 Performance Pro™ Series** is available through International Coatings' exclusive network of distributor companies.

Contact us at 1 (800) 423-4103 (within the U.S. only) or 1 (562) 926-1010, or visit www.iccink.com for more information.

REV. 1300002



RECOMMENDED FABRICS

50/50 Cotton/Polyester Blends
100% Polyester
Performance Fabrics



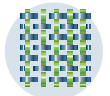
INK APPLICATION

7100 Series should be used straight from the container without any modifications



ADDITIVES

Not recommended



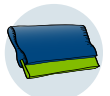
SCREEN MESH

110-230 t/in (43-90 t/cm)
monofilament



EMULSION

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



SQUEEGEE

65-75 Durometer
Sharp edge



CURE TEMPERATURES

275°F to 300°F (135°C to 149°C)
entire ink film



CLEAN-UP

Any environmentally 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°C to 32°C)
Avoid storage in direct sunlight
Keep containers well sealed



MSDS

Refer to [MSDS8](#)

FEATURES

7100 Performance Pro™ Series is a low fusing, fast flashing, low tack, plastisol based screen printing ink system, comprised of 18 colors and 1 base.

7100 Series is designed specifically for use on performance fabrics, 100% polyester and polyester stretchable blends.

7100 Series offers excellent bleed resistance and stretch properties.

COLORS

7100 Mixing Base	7138 Winter Orange	7172 Dallas Green
7106 Purple	7146 Scarlet	7173 Kelly Green
7112 Sky Gray	7153 Cardinal	7176 Dark Green
7113 White	7160 Columbia Blue	7181 Vegas Gold
7116 Black	7166 Royal Blue	7182 Old Gold
7123 Lemon Yellow	7168 Navy Blue	7184 Texas Orange
7127 Gold		

IMPORTANT INFORMATION

7100 Performance Pro™ Series is a low fusing (low curing) plastisol. The recommended minimum cure temperature is 275°F (135°C). It is important to ensure that the ink is completely cured/fused before beginning production. Although a minimum of 1 minute is recommended, the time required for the ink to fuse completely will vary depending on the type of dryer used.

The use of additives such as stretch or reducers with 7100 series may inhibit the low bleed and/or low fusing characteristics of this product.

Always test print the fabric to be used before beginning production to see if the desired performance is obtained. Wait at least 24 hours, longer if possible, before determining dye migration and bleed resistance.

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

IMPORTANT STORAGE INFORMATION

The fact that 7100 Series is a low fusing plastisol makes this product extremely sensitive to heat. Its shelf life may be shortened significantly if ink is left open and exposed to the average room temperature of a typical screen printing production floor for more than 12 hours. This product will tend to thicken or semi-gel if left in a screen or uncovered in the container over several days. For this reason it is vital that all unused ink be returned to the bucket and the lid be completely sealed. It is also important that ink containers be stored in the coolest area of the shop floor. Following both of these directions will extend the shelf life of this product.

LEGAL 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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