

International Coatings 7100 Performance Pro Series

Type

The 7100 performance Pro ink series is a fast drying low bleed, low tack plastisol ink. This ink series consists out of 4 opaque standard colors, 2 gold colors, black, white and base for the printing of dark and light garments made of polyester, cotton or cotton / polyester blends.

Application

The 7100 performance Pro ink series has been developed to print stretchy fabrics and sports fabrics made of polyester, cotton or polyester/cotton blends that require very elastic prints.

General

The 7100 performance Pro inks have great mixing and printing qualities. The ink is delivered ready-to-use. The ink is pliant in use and the end result is a very elastic print. Because of its fast drying and low tack qualities, this ink is very suitable to use when the ink must dry in between layers. Can be used on T-shirt carousels and multi-color printing machines because of the minimal amount of build-up on the screen.

Fixation

De 7100 performance Pro inkten moeten na het drukken thermisch gefixeerd worden. De inkt fixeert op het moment dat de gehele inktlaag incl. materiaal een temperatuur bereikt van 135°C. De fixatietijd is afhankelijk van de inktlaagdikte, de kleur van zowel de inkt als het te bedrukken materiaal, samenstelling materiaal en het type droogtunnel. Een richtlijn is: een verblijfstijd van minimaal 1 minuut bij 135-149°C.

After printing, the Performance Pro inks should be fixated thermally. The ink is fixated when all the ink and the material to be printed reach 135°C. Duration of fixation depends on layer thickness of the ink, thickness of material and type of drying tunnel. A guideline is 1 minute at a temperature of 135-149°C.

Always check the result after fixation, and do not blindly trust the thermometer of your equipment. Temperature strips can be a very useful tool to determine the right fixation temperature under your working conditions.

For a quick check, the material and print can be stretched after having cooled down. If the print returns to original state without having cracked, it can be assumed that the ink has been properly fixated. Wash the material according to the instructions to check whether material and print are resistant to washing repeatedly, as should be the case when ink has been fixed completely.

Mesh

Best results will be achieved using 43 – 90 T mesh.

Bleeding

The 7100 performance Pro inks are low bleed, however adding stretch or reducer additives can negatively affect the bleeding qualities of the ink.

Washing fastness

Great washing fastness at 40° C. Wash inside out to prevent mechanical damage.

Not resistant to dry cleaning. Only iron printed parts from the backside. Aggressive detergents might cause oxidation in metallic colors such as gold and silver.

Mesh cleaning

We recommend using **Screenwash LOD** or **Screenwash GA**.

Test prints

Please, continually make test prints before moving on to printing the complete order.

This technical information is meant to be a guideline. Even though the information is given after detailed examination and to the best of our knowledge, AGA Color Solutions Europe b.v. can take no responsibility for it.

7100 Performance Pro



7113 White



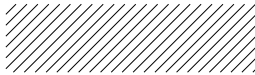
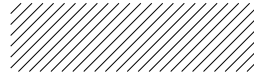
8000 Black



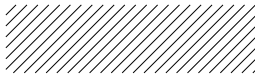
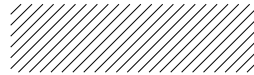
7100 Mixing Base



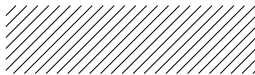
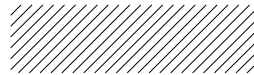
7123 Lemon Yellow
(± pms 100C)



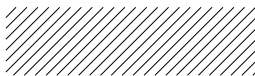
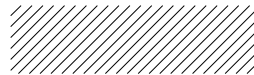
7127 Gold
(± pms 1235C)



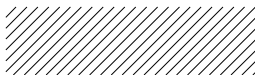
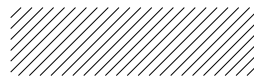
7138 Winter Orange
(± pms 171C)



7146 Scarlet
(± pms 186C)



7184 Texas Orange
(± pms 7619C)



7153 Cardinal
(± pms 7638)



7160 Columbia Blue
(± pms 284C)



7166 Royal Blue
(± pms 2146)



7168 Navy
(± pms 2768C)



7172 Dallas Green
(± pms 348C)



7173 Kelly Green
(± pms 3428C)



7176 Dark Green
(± pms 3435C)



7182 Old Gold
(± pms 1245C)



7181 Vegas Gold
(± pms 5875C)



7112 Sky Grey
(± pms 400C)



7106 Purple
(± pms 7665C)

