Digiline Ecussons

Les écussons sont imprimés numériquement. Tout coloris souhaité peut être commandé sur la base des coloris Pantone. De plus, le Digiline est réalisé dans délai court après l'approbation de la maquette.

Le Digiline est disponible en 3 versions: **Digiline**, **Digiline Sports** et **Digiline Low Melt**.

Digiline
Les écussons Digiline peuvent être appliqués sur des textiles où résistance et longévité sont nécessaires. Cet écusson est résistant aux lavages industriels jusqu'à 95°C. Malgré un lavage haute température, la brillance, l'éclat et la fraîcheur des coloris sont garantis très longtemps. Le Digiline peut être imprimé avec un effet tissé, qui réhausse l'aspect final.

Les écussons Digiline sont thermofixés sur le tissu à une température de 195°C. Le procédé de fabrication et les écussons Digiline sont certifiés Oeko-Tex.

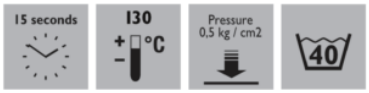
Digiline Sports & Digiline Low Melt
Le Digiline Sports et le Digiline Low Melt sont plus souples et plus légers que le Digiline Standard. Ces écussons sont conçus pour les articles promotionnels et les vêtements de sport. Ces 2 versions de Digiline sont le meilleur moyen de mettre en avant un nom de club, un logo ou un sponsor. Aux images en couleur peuvent s'ajouter sur le Digiline Sports et le Digiline Low Melt des effets tels que le 3D, le relief, la brillance ou encore l'aspect cuir

Digiline Sports s'applique sur les tissus à une température de 145 °C, Digiline Low Melt à une température de 130 °C. Ils peuvent être lavés jusqu'à 40 °C. Ces écussons sont thermofixables avec une thermopresse de la gamme Thermopatch. En alternative et pour faciliter l'utilisation, ils sont également faciles à appliquer à l'aide d'un fer à repasser sur tous types de tissus. Le processus de production et les écussons Digiline Sports et Digiline Low Melt sont certifiés Oeko-Tex.

Quantités
Commande minimum de 15 pièces par logo.

Digiline

Digiline				
Digiline Sports				

Digiline Low Melt	

Digliline emblems are compliant to Oekotex product class II, under certificate number 1012046 Centexbel.

Application
Digitally printed emblems which are applied to textiles or other heat sealable materials by heat and pressure for decoration or identification.

Properties
– Digiline is washable up to 95°C.
– Good chemical resistance.
– Digiline Sports and Digiline Low Melt are washable up to 40 °C
– Digiline products are suitable for all textiles which allow the thermoplastic adhesive to penetrate and bind itself to it and which are resistant to its application temperatures.

Limitations of use
Digiline with high temperature glue applications are washable up to 95 °C industrial washing. Digline Sports and Digiline Low Melt with low temperature glue application are washable up to 40 °C.

Physical properties
Color imprint: various
Color base textile: white
Color glue laminate: clear
Sizes: various

Before sealing
Ensure that the to be marked textile is free of lint, dust, dirt and no seams, zipper, buttons etc. are near the place where the heat sealing will be performed.
Remark:
– Good bonding can be prevented in pre-conditioned fabrics with a dirt or water repellant or flame retardant treatment or coating.
– Pre-sealing can amend problems with adhesion on certain repellant or flameretardant coated textiles.
– Re-sealing can amend problems with adhesion on certain repellant or flameretardant treated textiles.

Heat seal instructions
– Digiline: 195 °C for 14 seconds at 0.5 kg/cm2* pressure on a pneumatic heat seal machine, or firm – strong pressure on a manually operated machine.

– Digiline Sports: 145 °C for 15 seconds at 0.5 kg/cm2* pressure, or medium pressure on a manually operated machine.
– Digiline Low Melt: 130 °C for 15 seconds at 0.5 kg/cm2* pressure, or medium pressure on a manually operated machine.
– Make sure that the sealing plate of the machine is clean and undamaged.
– Close the heat seal press with the set temperature, time and pressure.
– Remove the garment from the machine after the heat sealing cycle is finished.
– Place the next article and repeat above.

(*) For an optimal heat sealing result we advise to set the pressure on any large platen pneumatic heat seal press to 3-5 bar on the pressure regulator of the machine, when using the standard issued underplaten. When using smaller underplatens, decrease pressure to avoid damage to the transfers.

Handling and storage
Keep away from oxidizing agents, from strongly alkaline en strongly acid materials. Store out of direct sunlight, in a cool and dry place.

Scroll down for Digiline Sports and Digiline Low Melt

Digiline emblems (up to 95 °C laundry wash)			
Type of fabric	**Temp. °C**	**Pressing time in sec.**	**Pressure in Bar Low/Medium/High**
Fleece, 100% Polyester	195 – 204	15	4-6 (Medium/High)
Polyurethane or PVC coated polyester (rainwear), cover with baking paper	195 – 204 Repress	15 15	4.5 (Medium/High)
Knitted fabrics, 100% polyester, viscose, acrylic (Sportswear, light workwear)	–	–	–
Knitted fabrics, 100% wool, cotton (Sportswear, light workwear)	–	–	–
Knitted fabrics, cotton or polyester with elastane 98%/2%	–	–	–

Flame-retardant cotton or polyester cotton (FR treated, Proban®)	195 – 204	15 – 12	4.5 (Medium/High)
Cotton/polyamide 55%/45%	Preheat 195 – 204	10 15 – 12	4.5 (Medium/High)
Cotton/polyester 65%/35% or 60%/40% (with DWR finish)*	195 – 204	12	4.5 (Medium/High)
Aramid/Viscose 50%/50%	195 – 204	12	4.5 (Medium/High)
Linen, 100%	195 – 204	20	4.5 (Medium/High)
Aramid (Nomex III), 100%	195 – 204	12	4.5 (Medium/High)
Polyamide (Nylon), 100% (with DWR finish)*	195 – 204	12	4.5 (Medium/High)
Polyester 100% (with DWR finish)*	195 – 204	12	4.5 (Medium/High)
Polyester Cleanroom material anti-static 99%/1%	195 – 204	12	4.5 (Medium/High)

Digiline Sports (low to medium temperature, digital emblems, sportswear, light workwear, up to 40 °C industrial wash)

Type of fabric	Temp. °C	Pressing time in sec.	Pressure in Bar Low/Medium/High
Fleece, 100% Polyester	140	15	3 (Low)
Polyurethane or PVC coated polyester (rainwear), cover with baking paper	140	15	3 (Low)

Knitted fabrics, 100% polyester, viscose, acrylic (Sportswear, light workwear)	130 – 140	15	3 (Low)
Knitted fabrics, 100% wool, cotton (Sportswear, light workwear)	140	15	3 (Low)
Knitted fabrics, cotton or polyester with elastane 98%/2%	130 – 140	15	3 (Low)
Flame-retardant cotton or polyester cotton (FR treated, Proban®)	–	–	–
Cotton/polyamide 55%/45%	140	15	3 (Low)
Cotton/polyester 65%/35% or 60%/40% (with DWR finish)*	140	15	3 (Low)
Aramid/Viscose 50%/50%	–	–	–
Linen, 100%	140	15	3 (Low)
Aramid (Nomex III), 100%	–	–	3 (Low)
Polyamide (Nylon), 100% (with DWR finish)*	–	–	3 (Low)
Polyester 100% (with DWR finish)*	–	–	3 (Low)
Polyester Cleanroom material anti-static 99%/1%	–	–	–

Digiline Low Melt (low temperature, digital emblems, sportswear, light workwear, up to 40 °C home wash)

Type of fabric	Temp. °C	Pressing time in sec.	Pressure in Bar Low/Medium/High
Fleece, 100% Polyester	130	15	3 (Low)
Polyurethane or PVC coated polyester (rainwear), cover with baking paper	130	15	3 (Low)
Knitted fabrics, 100% polyester, viscose, acrylic (Sportswear, light workwear)	130	15	3 (Low)
Knitted fabrics, 100% wool, cotton (Sportswear, light workwear)	130	15	3 (Low)
Knitted fabrics, cotton or polyester with elastane 98%/2%	130 – 140	15	3 (Low)
Flame-retardant cotton or polyester cotton (FR treated, Proban®)	–	–	–
Cotton/polyamide 55%/45%	140	15	3 (Low)
Cotton/polyester 65%/35% or 60%/40% (with DWR finish)*	–	–	–
Aramid/Viscose 50%/50%	–	–	–
Linen, 100%	130	15	–
Aramid (Nomex III), 100%	–	–	–
Polyamide (Nylon), 100% (with DWR finish)*	–	–	–

Polyester 100% (with DWR finish)*	–	–	–
Polyester Cleanroom material anti-static 99%/1%	–	–	–

**DWR finish: Durable Water Repellent finish, meaning a water (dirt, oil) repellent coating on textiles based on silicone, nanotechnology, wax, and fluorocarbon.*
FR: Flame Retardant

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