

Digiline Amblemler

Digiline amblemler dijital olarak basılır. Pantone Eşleştirme Sistemi kullanılarak istenen herhangi bir renk sipariş edilebilir. Digiline'in başka bir avantajı da resmin onaylanmasını takiben 7 gün gibi nispeten kısa bir teslimat süresine sahip olmasıdır.

Digiline'in üç versiyonu mevcuttur: **Digiline**, **Digiline Sports** ve **Digiline Low Melt**.

Digiline

Digiline amblemler güç ve dayanıklılığın gerekli olduğu malzemelere uygulanabilir. Amblem, 95°C'de endüstriyel yıkamaya dayanıklıdır. Bu yüksek yıkama sıcaklığına rağmen taze, parlak ve canlı renkler uzun süre garantidir. Digiline, genel görünümü zenginleştiren dokuma efektiyle üretilebilir.

Digiline amblemler 195°C sıcaklıkta kumaşa uygulanır. Üretim süreci ve Digiline amblemleri Oeko-Tex sertifikalıdır.

Digiline Sports ve Digiline Low Melt

Digiline Sports ve Digiline Low Melt, standart Digiline'a göre daha hafif ve esnektir. Bu amblemler promosyon ve spor giysiler için uygundur. Sports ve Low Melt sürümü ile kulüp adı, logosu veya sponsoru mümkün olan en iyi şekilde sunulur. Tam renkli görüntülere ek olarak, 3D, kabartma, parlaklık ve hatta deri görünümü gibi Digiline Sports ve Digiline Low Melt efektleri de mümkündür.

Digiline Sports, kumaşlara 145 °C sıcaklıkta, Digiline Low Melt ise 130 °C sıcaklıkta uygulanır. Her ikisi de, 40 °C'ye kadar yıkanabilir. Bu amblemler Thermopatch ısıyla yapıştırma makinesi ile yapıştırmak mümkündür. Alternatif olarak, kullanım kolaylığını artırmak için Digiline Sports ve Digiline Low Melt'in her tür kumaş üzerine ütüyle uygulanması da kolaydır. Üretim süreci ve Digiline Sports ve Digiline Low Melt amblemleri Oeko-Tex sertifikalıdır.

Sipariş Adedi

Minimum sipariş adedi tasarım başına 15 adettir.

Digiline

Digiline	14 seconds 	195 + °C 	Pressure 0.5 kg / cm ² 	
Digiline Sports	15 seconds 	145 + °C 	Pressure 0.5 kg / cm ² 	
Digiline Low Melt	15 seconds 	130 + °C 	Pressure 0.5 kg / cm ² 	



Digiline 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. Digiline 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

Disclaimer

No rights can be derived from the instructions or data provided online. The information is intended for general guidance only and is subject to change without notice. We do not guarantee the accuracy, completeness, or reliability of the information provided. Users are advised to verify any information before acting on it. We accept no liability for any damage incurred because of relying on this information.