



## THREADS

Embroidery threads for longevity, performance and reliability. Based on 100 years of expertise.

## STABILISERS

Providing the foundation for accurate embroidery. From lightweight to heavy-duty options.

## ACCESSORIES

Enhance precision and machine efficiency with essential embroidery tools.

# Everything you need for embroidery

With over 100 years of expertise manufacturing premium embroidery threads, Madeira offers a complete range of embroidery essentials. Our diverse range includes viscose, polyester, wool blends, and technical threads in various colours and weights. Complementing this, we provide bobbin thread, needles, backings, toppings, speciality materials, accessories, and training **everything you need for high quality embroidery.**

We ensure exceptional quality through careful raw material selection, eco-friendly production, and rigorous quality controls, all aimed at providing you with the necessary supplies for outstanding embroidery. Our products meet international standards, including certifications for fire retardancy and OEKO-TEX®.

Whatever your industry sector, explore our range for reliable, compliant solutions.



**Introducing the Madeira Green portfolio:** eco-friendly embroidery products designed for a sustainable future. As eco-conscious consumers are driving the demand for organic, recycled, and biodegradable materials, Madeira has embraced ethical production processes and now offer solutions with recycled polyester threads and biodegradable backings to reduce waste and support sustainability.

*Your Madeira Team*



We are committed to meeting customers' needs by continually expanding our product range throughout the year. Discover our latest additions by visiting - [shop.madeira.co.uk](https://shop.madeira.co.uk)

Prices are effective from 1st January 2026 | All prices exclude VAT | Supercedes all other price lists - E&OE

# Table of Contents



Threads .....	1 - 10
Sustainable thread & backing options .....	11 - 12
Pre-wound bobbins .....	13 - 14
Underthread cones .....	15
Bobbin case & digital tension gauge .....	16
Backing guide .....	17 - 18
Backing squares, cut & tear away rolls .....	19 - 22
Toppings, specialist backings & 3D foam .....	23 - 24
Appliqué fabrics, Velcro®, felt & cotton drill .....	25
Badge making .....	26
Scissors & snips .....	27 - 28
Needles* .....	29 - 30
Embroidery machine frames .....	31 - 32
Machine maintenance, oil, EZEE Needle, EZEE Threader .....	33
Accessories, adhesive sprays & Peggy Stitch Eraser® .....	34
Design boxes, kit boxes & shadecards .....	35 - 36
Persona® DTF printing consumables .....	37 - 39
Packaging supplies .....	40
Starter selection pack .....	41
Sustainability .....	42
Stitch density guide .....	43
Thread tension guide .....	44
24/7 online services & technical support .....	45 - 46

\*Needle recommendations are for standard style and weight of fabrics



# Classic

**CLASSIC** 100% Viscose, highest quality raw materials ensure unsurpassed tensile strength. Washable up to 95°C, not bleach resistant.

- ✓ Perfect for all embellishment styles
- ✓ Soft & flexible with a subtle sheen
- ✓ Suitable for all market sectors
- ✓ 422 stunning colours
- ✓ Pantone® matching

Article Code	Thread Thickness	Colours	Size	Price
911	40	White	1000m	£2.32
911	40	Single	1000m	£2.47
911	40	Ombre	1000m	£3.92
911	40	Multi/Astro	1000m	£4.34
910	40	White	5000m	£10.25
910	40	Single	5000m	£11.36
910	40	Ombre	5000m	£17.79
910	40	Multi	5000m	£19.81
915	60	All Colours	1500m	£4.63
921*	30	Black & White	3000m	£10.06



**OEKO TEX®**  
**STANDARD 100**  
 21.0.63511  
 Hohenstein HTTI  
 Classic 40 - Annex 6,  
 Product class I



Classic vs Polyneon

## CLASSIC 40

100% Viscose

Standard Weight



dtex 135 x 2  
den 120 x 2



1000m (10x)  
Art. No. 911



5000m (10x)  
Art. No. 910



387 Uni Colours  
19 Ombre  
6 Multicolour  
10 Astro



65/9 - 75/11



## CLASSIC 60

100% Viscose

Fine thread for text & small details



dtex 84 x 2  
den 75 x 2



1500m (10x)  
Art. No. 915



132 Colours



60/8 - 65/9



## CLASSIC 30

100% Viscose

Thicker than 40



dtex 200 x 2  
den 180 x 2



3000m (10x)  
Art. No. 921



125 Colours



75/11



# Polyneon

**POLYNEON** 100% Polyester, bleach & chlorine resistant, ideal for stone wash and heavy duty washing.



- ✓ Bleach, chlorine & denim wash resistant
- ✓ Ideal for workwear & frequent laundering
- ✓ Available in flame retardant thread
- ✓ 433 stunning colours
- ✓ Pantone® matching

Article Code	Thread Thickness	Colours	Size	Price
919	40	White	1000m	£1.53
919	40	Single	1000m	£1.69
919	40	Fluorescent	1000m	£1.69
919	40	Multi	1000m	£3.38
919	40	Tunnel dry Black	1000m	£1.69
918	40		5000m	£7.73
918	40	White	5000m	£6.91
918	40	Single	5000m	£7.73
918	40	Fluorescent	5000m	£7.73
918	40	Multi	5000m	£14.87
924	60	Single	1500m	£2.62
926	60	*Black/White	5000m	£8.94
936	75	All Colours	2500m	£3.44
935	75	*Black/White	10,000m	£12.89

Recycled polyester (see page 11)



## POLYNEON FR - Flame Retardant

933	40	All Colours	2500m	£9.51
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<b>POLYNEON 40</b>	<b>POLYNEON 40 FR</b>	<b>POLYNEON 60</b>	<b>POLYNEON 75</b>
100% Polyester	100% Polyester	100% Polyester	100% Polyester
Standard weight	Flame Retardant thread	Fine thread for text & small details	Superfine thread for tiny text & sequin attachment
dtex 135 x 2 den 120 x 2	dtex 135 x 2 den 120 x 2	dtex 84 x 2 den 75 x 2	dtex 55 x 2 den 50 x 2
1000m (10x) Art. No. 919	-	1500m (10x) Art. No. 924	2500m (10x) Art. No. 936
5000m (10x) Art. No. 918	2500m (10x) Art. No. 933	5000m (10x) Art. No. 926*	10,000m (10x) Art. No. 935*
389 Uni Colours 20 Multicolours 24 Fluorescent shades	30 Colours 4 Fluorescent shades	143 Colours 7 Fluorescent shades *Only in black & white	86 Colours 4 Fluorescent shades *Only in black & white
60/8 - 75/11	60/8 - 75/11	60/8 - 65/9	60/8




max. 20g/l Chlorine  
max. 30°C – max. 30 min

# Frosted Matt

**FROSTED MATT**, the only embroidery thread with a totally matt finish. Due to the unique construction, colours are intense, extremely light fast and bleach resistant. New, thicker 30 weight thread is perfect for running stitches, decorative seams, large surface filling, 3D effects and more.

## FROSTED MATT 40


100% Polyester  
contains industrial ceramic

Exclusive dyeing methods   
ensure extreme light fastness

dtex 90 x 2   
den 80 x 2

1000m (10x)   
Art. No. 942


2500m (10x)   
Art. No. 940


187 Uni Colours   
14 Fluorescent shades

60/8 - 75/11 


## FROSTED MATT 30


100% Polyester  
contains industrial ceramic

Thicker than 40   
non-reflective

dtex 175 x 2   
den 160 x 2

- 

2500m (10x)   
Art. No. 944

89 Uni Colours   
7 Fluorescent shades

70/10 - 80/12 

- ✓ World's first truly matt embroidery thread
- ✓ Light fast - colours remain & don't fade
- ✓ Produced using exclusive dyeing methods
- ✓ 201 stunning colours



Frosted Matt leaflet

      max. 20g/l Active chlorine  
max. 30°C - max. 30 min


### Frosted Matt - matt finish embroidery thread

Article Code	Thread Thickness	Colours	Size	Price
940	40	All Colours	2500m	£5.75
942	40	All Colours	1000m	£2.81
944	30	All colours	2500m	£6.67

## RHEINGOLD 40

100% Viscose

Economy Rayon Viscose 

dtex 135 x 2   
den 120 x 2

5000m (10x)   
Art. No. V901

95 Colours 

65/9 - 75/11 

## RHEINGOLD



### Rheingold - economy rayon viscose

Article Code	Thread Thickness	Colours	Size	Price
V901	40	Black & White	5000m	£7.06
V901	40	Single Colours	5000m	£7.56

# Fire Fighter

**FIRE FIGHTER** is flame & heat resistant thread made from 100% Aramid, the fibre used for Nomex®. Ideal for motor sport, workwear & protective clothing. Complies with all relevant fire safety regulations.



Fire leaflet

Article Code	Thread Thickness	Colours	Size	Price
922	40	Single Colours	950m	£7.88
929	40	Single Colours	2500m	£19.59

## Fire Fighter bobbin thread

923 - N1803	40	White	5000m	£25.87
923 - N1800	40	Black	5000m	
PWB-COATS-FIRE	pre-wound bobbins	White	36 x 57m	£28.16

## POLYNEON FR - Flame Retardant

933	40	All Colours	2500m	£9.51
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## Fire Fighter backing - for complete protection

051FF525	55g	20cm x 50m	Natural yellow	£168.72
051FF525/M	55g	20cm x 1m	Natural yellow	£4.24

✓ 100% Aramid - the fibre used for Nomex®

✓ Complies with all relevant fire safety regulations

✓ 30 colours available

✓ For complete protection, fire fighter bobbin thread & backing is strongly recommended



### FIRE FIGHTER 40

100% Aramid - Nomex®

Flame & heat resistant Thread ⓘ

dtex 130 x 2  
den 120 x 2

950m (10x)  
Art. No. 922

2500m (10x)  
Art. No. 929

30 Colours

75/11 - 80/12

### FIRE BOBBIN

Bobbin Thread  
100% Aramid - Nomex®

Flame & heat resistant Underthread ⓘ

dtex 130 x 2  
den 120 x 2

5000m (10x)  
Art. No. 923

Black & White

### FIRE BACKING

100% Aramid - Nomex®

Flame & heat resistant Backing ⓘ

-

Roll 20cm x 50m - 55g  
Art. No. 051FF525

Natural Yellow

### POLYNEON 40 FR

100% Polyester Filament

Flame Retardant thread ⓘ  
DIN 4102 B1, NF P92 503.4.5,  
BS 5867, UNI 9177, NFPA701,  
IMO FTPC part 2

dtex 135 x 2  
den 120 x 2

2500m (10x)  
Art. No. 933

30 Colours  
4 Fluorescent shades

60/8 - 75/11

max. 20g/l Active chlorine  
max. 30°C - max. 30 min

max. 20g/l Active chlorine  
max. 30°C - max. 30 min

# Metallics

FS smooth metallic thread, available in 4 weights.  
No's.12 & 30 can be denim washed, No.30 is bleach resistant.

- ✓ High quality, soft feel metallic threads
- ✓ Ideal for emblems and high fashion
- ✓ Wide range of different colours & weights

Article Code	Thread Thickness	Colours	Size	Price
981	20	Single	550m	£5.81
981	20	Astro	550m	£6.37
974	20	Single	2750m / 100g	£24.75
979	30	Single	2500m	£23.03
980	30	Single	5000m	£39.76
985	40	Single	1000m	£9.61
986	40	Single	5000m	£40.03
987	50	Single	1000m	£8.65
988	50	Single	5000m	£35.47

**FS**



**STANDARD 100**  
95.0.4921  
Hohenstein HTTI



Metallic threads  
How to guide


## FS 20<sup>2</sup>

80% Viscose  
20% Metallis. Polyester

Soft thread for an iridescent finish ⓘ

dtex 360  
den 320 

550m (5x)  
Art. No. 981 

2750m (10x)  
Art. No. 974 


32 Colours 


100/16 


## FS 30<sup>1</sup>

50% Polyester  
50% Metallis. Polyester


Ideal for Denim wash items & heavy duty workwear ⓘ

dtex 320  
den 290 

2500m (10x)  
Art. No. 979 

5000m (10x)  
Art. No. 980 

21 Colours 


90/14  
80/12   
(SAN8 needle, size 90 eye)


## FS 40<sup>2</sup>

40% Metallis. Polyester  
35% Polyamid  
25% Cellulose


Standard weight ⓘ

dtex 220  
den 200 

1000m (5x)  
Art. No. 985 

5000m (10x)  
Art. No. 986 


21 Colours 


65/9 - 75/11 


## FS 50<sup>2</sup>

55% Metallis. Polyester  
45% Polyamid


Filigree & fine text ⓘ

dtex 150  
den 135 

1000m (5x)  
Art. No. 987 

5000m (10x)  
Art. No. 988 

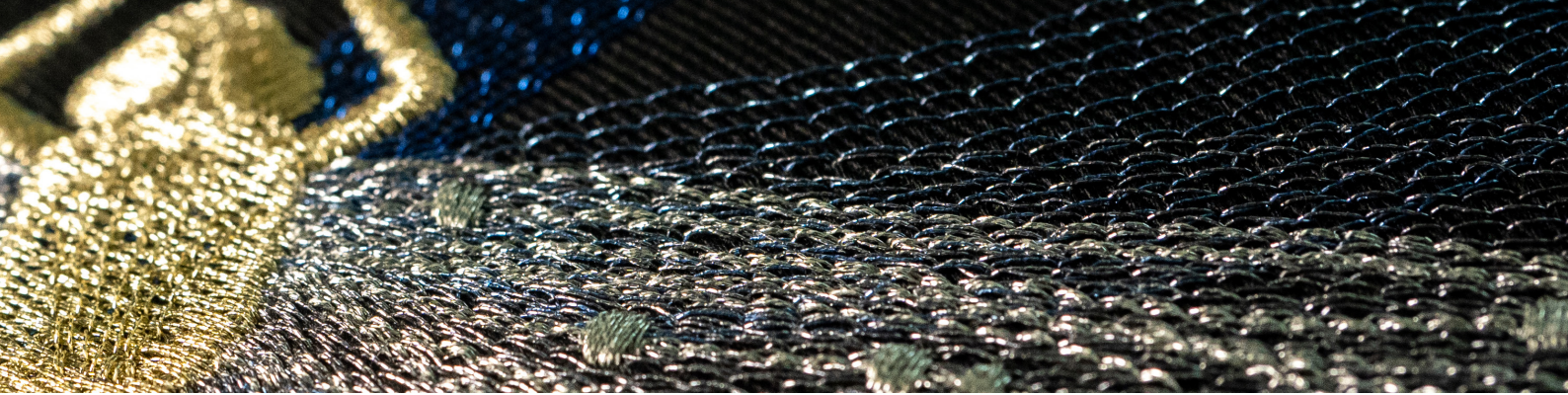
8 Colours 

65/9 - 75/11 

<sup>1</sup>

<sup>2</sup>

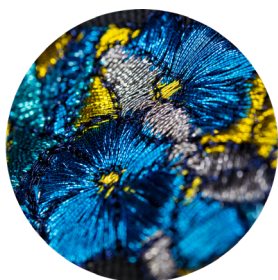
max. 20g/l Active chlorine - max. 30°C - max. 30 min  
Peroxide: max. 10ml/L H2O2 35% - max. 50°C - max. 20 min.



# CR

CR metallic threads are versatile and economical, available in 2 weights, 40 and thicker 20.

Article Code	Thread Thickness	Colours	Size	Price
978	40	Single	2500m	£12.71
975	20	Single	2000m	£12.71



## TOP TIP!

When changing thread types always use a new needle. Needle recommendations can be found on the reverse of the shade card.


# Supertwist 30

Supertwist 30 twisted metallic threads with a unique sparkling finish.

Article Code	Thread Thickness	Colours	Size	Price
983	30	Single	1000m	£5.95
983	30	Crystal	1000m	£6.54
983	30	Opal	1000m	£6.54
983	30	Multi	1000m	£6.54
982	30	Single	5000m	£26.12
982	30	Opal	5000m	£30.45
982	30	Multi	5000m	£30.45

## CR 40<sup>1</sup>

68% Polyester  
32% Metallis. Polyester

Standard weight   
economy metallic thread

dtex 230   
den 210

- 


2500m (10x)   
Art. No. 978

42 Colours 

65/9 - 75/11 

## CR 20<sup>1</sup>

80% Textured Polyester  
20% Metallis. Polyester


Thicker thread for   
bold definition

dtex 510   
den 460

- 


2000m (10x)   
Art. No. 975

16 Colours 

90/14   
80/12 (SAN8 needle, size 90 eye)


## SUPERTWIST 30<sup>2</sup>


70% Polyamid  
30% Metallis. Polyester


Impressive   
glittery effect

dtex 180   
den 160

1000m (5x)   
Art. No. 983

5000m (10x)   
Art. No. 982

68 Metallic   
11 Multicolor  
16 Opal <sup>1\*</sup>  
26 Crystal <sup>1\*</sup>

90/14   
80/12 (SAN8 needle, size 90 eye)

 max. 20g/l Active chlorine – max. 30°C – max. 30 min  
Peroxide: max. 10ml/L H2O2 35% - max. 50°C - max. 20 min.

<sup>1\*</sup>     



# Burmilana 12


BURMILANA acrylic wool mix is approximately three times thicker than standard embroidery thread. Ideal for creating a hand-crafted look.


BURMILANA CO cotton acrylic mix, the same No.12 thread count and matt appearance. 72 fresh, bright colours, the perfect alternative for a fresh summery look.


- ✓ Tactile texture for a hand stitched look
- ✓ Approx. 3x thicker than standard thread
- ✓ Great for fashion & knitwear
- ✓ Suitable for Chenille & Cornely embroidery


## BURMILANA 12

50% Wool / 50% Acrylic

Ideal for Chenille & Cornely embroidery 

dtex 330 x 2   
den 300 x 2

1000m (10x)   
Art. No. 813


135 Colours   
12 Mélange


100/16 



## BURMILANA CO

50% Cotton / 50% Acrylic

Outstanding for decorative stitching 

dtex 330 x 2   
den 300 x 2

1000m (10x)   
Art. No. 816

65 Colours   
7 Mélange

100/16 



STANDARD  
100  
95.0.4921  
Hohenstein HTTI



Burmilana  
How to guide

Article Code	Thread Thickness	Colours	Size	Price
813	12	Single Colours	1000m	£4.69
813	12	Mélange	1000m	£5.17

### Burmilana CO acrylic cotton mix, soft and cool

816	12	Single Colours	1000m	£3.70
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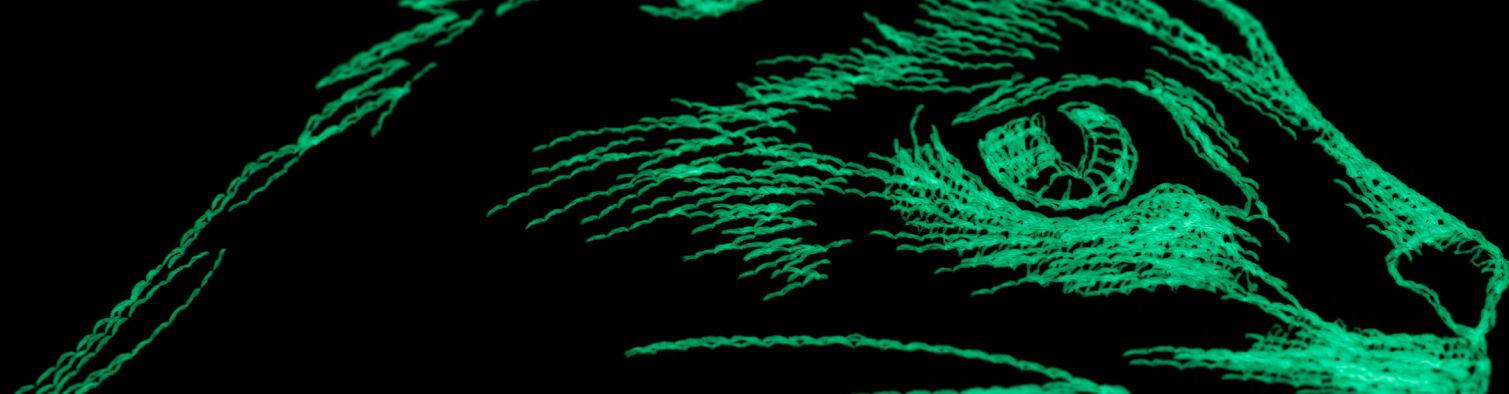
# COLOREEL®

Undyed recycled polyester designed specifically for use with Coloreel machines enabling on-demand thread colouring.



Article Code	Thread Thickness	Colour	Size	Price
718	40	Undyed	10,000m	£17.75





# LUNA

60% Polybutylene terephthalate  
40% Polypropylen

Light Storing & Emitting ⓘ

dtex 150 x 2  
den 135 x 2

Art. No. 966 - 750m

Off white

75/11



Make your embroidery pop with this glow in the dark effect thread that stores light, emitting it in the dark with a greenish glow. Soft next to the skin, it can be used to emphasise single parts of an embroidery design or on outdoor garments, sportswear, children's clothes, Halloween or carnival costumes.

Article Code	Thread Thickness	Colour	Size	Price
996 502	40	Off White	750m	£24.88

△ max. 20g/l Active Chlorine  
max. 30°C - max. 30 min



**OEKO  
TEX®**  
**STANDARD  
100**  
21.0.63511  
Hohenstein HTTI



△ DENIMWASH

## Monolon

Transparent sewing thread for projects where you don't want stitches to be visible. Ideal for quilting, topstitching and attaching sequins etc.

### MONOLON

100% Polyamide

Monofilament  
Sewing Thread ⓘ

dtex 66  
den 60

15,000m (x10)  
Art. No. 801

Clear

60/8



## Reflective Thread

Perfect for workwear, sportswear, fashion and various other applications, guaranteed to get you noticed day or night!

### Recommendations

Stitch density 0.4 - 0.8mm  
MXK5 SAN8-80 needle with an enlarged eye  
Top thread tension - 160gf  
Bobbin thread tension - 22gf  
Slow machine speed - 500spm  
Use silicone spray to lubricate the thread



### REFLECT-T50

Special layer of glass microspheres ⓘ

20 weight  
Stitch density 0.4 - 0.8mm

250M  
Art. No. REFLECT-T50-250

1000M  
Art. No. REFLECT-T50

Silver / Grey

80/12 SAN8



Article Code	Thread Thickness	Colour	Size	Price
REFLECT-T50-250	20	Silver	250m	£25.00
REFLECT-T50	20	Silver	1000m	£75.00
SILICONE SPRAY	Silicone spray thread lubricant		500ml	£7.80

Article Code	Thread Thickness	Colour	Size	Price
801	150	Clear	15,000m	£14.72

# High Conductive

Highly conductive threads  
**HC40 & HC12** are:

- Skin friendly
- Biocompatible
- Washable
- Antibacterial & Antistatic

The silver plating gives high electrical  
& thermal conductivity, ideal for:

- Smart Application
- PSA, performance/leisurewear
- Medical & Laboratory
- Automotive & Aerospace
- Telecommunication




HC video



## HC 40

100% Polyamide fully silver plated\* 

dtex 117 x 2 without silver coating   
dtex 290 ± 6 with silver coating

Resistance: <300 Ω/m

2500m 

Art. No. HC40 

250m 


Art. No. HC40-SMP 

Gold 

75/11 - 80/12 

## HC 12

100% Polyamide fully silver plated\* 

dtex 235 x 2 without silver coating   
dtex 610 ± 15 with silver coating

Resistance: <100 Ω/m

1000m 

Art. No. HC12 

150m 

Art. No. HC12-SMP 

Gold 

100/16 

\* Silver plated with min. 99% pure silver/Shieldex® Thread from Statex

Article Code	Thread Thickness	Colours	Size	Price
HC40	40	Gold	2500m	£87.54
HC40-SMP	40	Gold	250m	£9.36
HC12	12	Gold	1000m	£74.08
HC12-SMP	12	Gold	150m	£12.05



Smart textiles are intelligent garments with functionality integrated directly into the fabric. The key to stable operation is the electrical circuitry.

- ✓ *Lighting / LEDs / Heating*
- ✓ *Textile based sensors*
- ✓ *Flexible circuit paths*

**Embroidery machines:**

For best results run at 500 - 700 stitches per minute.

**Washing recommendations:**

The washability of the finished garment depends on the electrical components, the way it has been stitched and the washing process.

Protect the circuitry with waterproof film or insulating thread e.g. Classic or Polyneon.

Wash up to 30°C/86°F without bleaching or acid agents.

Always use a laundry bag.

The electrical resistance can be altered to meet your needs.

The more HC thread, the lower the resistance.

Resistance is low with HC in the bobbin only. The lowest resistance per metre will be achieved by combining top & bobbin thread.

**To create the most robust and stable circuitry, use HC top & bobbin.**

## LED Switch Kit

LED kit for use with High Conductive thread.  
Create a simple LED circuit using these sewable components.



Article Code	Colours	Contents	Price
KIT-HC-LEDLG Large kit	White	LED lights x5 Switch x1 Large battery holder x1 Large batteries x5	£12.55
KIT-HC-LED SM Small kit	White	LED lights x5 Switch x1 Small battery holder x1 Small batteries x5	£12.55
LED sewable coloured lights	Red, Green, White, Blue, Sakura	Pack of 10 lights	£9.98



# Sustainable Threads



Website Sustainability

Sustainable business has always been an important component of the Madeira brand and one of the critical reasons Madeira has been working hard to develop new, economically viable products from sustainable resources. Madeira has guarantees in place to ensure that **EACH AND EVERY ONE** of its products will always be absolutely safe from factory to finished product.

## POLYNEON green

Introducing Polyneon Green, a 40 weight, premium quality machine embroidery thread made from 100% recycled polyethylene terephthalate (PET). Bottles made from PET are recycled and used to manufacture fibres to produce thread.



100% recycled polyester		Bobbin Thread
dtex 270 (135 x 2) den 120 x 2		dtex 80 x 2 den 75 x 2
5000m (10x) Art. No. 718		7,500m Art. No. 321
108 colours		White & Black
60/8 - 75/11		

- ✦ Same high shine and resistance to chlorine as the standard Polyneon range.
- ✦ Produced in Germany using clean, energy saving dyeing processes.
- ✦ Stitch density 0.4mm

It takes up to 450 years for a PET bottle to break down but it is never truly gone. With Polyneon Green we are reducing the amount of plastic in the environment and making the textile industry more sustainable.

Article code	Product	Colour	Size	Price
718	Polyneon Green	○	5000m	£6.91
		108 colours		£7.73
321 501	Bobbin thread	○	7500m	£8.08
321 500		●		£9.45

## SENSA green

Introducing Sensa Green, machine embroidery thread made from 100% biodegradable lyocell fibres. Lyocell fibre is made of cellulose, a natural raw material derived from trees grown in sustainably managed forests.



100% lyocell fibres		Bobbin Thread
dtex 100 x 2 den 90 x 2		dtex 74 x 2 den 66 x 2
5000m (10x) Art. No. 710		7,500m Art. No. 319
144 colours		White & Black
65/9 - 75/11		



- ✦ Smooth and strong, this thread is extremely soft to the touch with a silk-matt finish.
- ✦ Biodegradable lyocell fibres manufactured with a closed-loop production process from renewable resources.
- ✦ Stitch density 0.35 - 0.37mm

Article code	Product	Colour	Size	Price
710	Sensa Green	144 colours	5000m	£11.36
319 501	Bobbin thread	○	7500m	£8.81
319 500		●		£10.33



# Environmentally-friendly stabilisers



With over 90% of backing going to waste in industrial embroidery, Madeira is committed to advancing environmental awareness through supplies that support 100% responsibly produced embroideries.

RECYCLED (cut-away)		Colour	Weight	Roll Price	20cm squares	Pre-cut Price
052GRC41	100cm x 100m	○	40g	£104.63	-	-
		●		£104.63		
052GRC81	100cm x 100m	○	80g	£140.59	-	-
		●		£140.59		
* 051PS65W	90cm x 100m	○	65g	£69.50	-	-
* 051PS89	90cm x 100m	○	80g	£80.41	1000	£44.20
		●		£83.54	-	-
* 051PH89W	90cm x 100m	○	80g	£80.41	-	-
Biodegradable (tear-away)						
* BAL50WBIO	90cm x 200m	○	50g	£110.00	1000	£31.40

\* Cutting service available for bespoke sizes




(Samples available upon request)



# Pre-wound bobbins



Pre-wound bobbins, ready to use with consistent tension and the same amount of thread on each bobbin. Ideal for planning all bobbin changes at the same time on multi-head machines.

	 SIDED BOBBINS 		SIDELESS BOBBINS 	
PREMIUM	<b>PWB144</b> 100% Polyester   144 x 120m Single box	<input type="radio"/> £28.78 <input checked="" type="radio"/> £28.78	<b>PWB144</b> 100% Polyester   144 x 120m Single box	<input type="radio"/> £26.12 <input checked="" type="radio"/> £26.12
	<b>PWB308 (Royal)</b> 100% Polyester   144 x 120m Single box	<input type="radio"/> £35.82 <input checked="" type="radio"/> £46.52	-	-
STANDARD	<b>PWB VAL</b> 100% Polyester   144 x 122m Single box 1/2 case 15 boxes Full case 30 boxes	<input type="radio"/> £21.57 <input checked="" type="radio"/> £278.49 <input type="radio"/> £530.28	<b>PWB ECON</b> 100% Polyester   144 x 137m Single box 1/2 case 15 boxes Full case 30 boxes	<input type="radio"/> £26.73 <input checked="" type="radio"/> £237.78 <input type="radio"/> £455.79
<b>NEW</b> SAVER	<b>PWB-SUPER75WS</b> 100% Polyester   144 x 110m Single box 1/2 case 20 boxes Full case 40 boxes	<input type="radio"/> £12.05 <input checked="" type="radio"/> £216.92 <input type="radio"/> £385.63	<b>PWB-SUPER75W</b> 100% Polyester   144 x 145m Single box 1/2 case 20 boxes Full case 40 boxes	<input type="radio"/> £8.91 <input checked="" type="radio"/> £160.37 <input type="radio"/> £285.10
MAGNETIC	<b>PWB509</b> - with magnetic sides 100% Polyester 144 x 123m (W)   144 x 113 (B) Single box	<input type="radio"/> £37.45 <input checked="" type="radio"/> £40.24	<b>PWB-MG</b> - magnetic core 100% Polyester 144 x 135m (W)   144 x 123 (B) Single box	<input type="radio"/> £36.58 <input checked="" type="radio"/> £39.20
<b>NEW</b> FIRE	<b>PWB-COATS-FIRE 36W</b> - fire resistant 100% Polyester 36 x 57m Single box	<input type="radio"/> £28.16	-	-



**If you use the highest quality top threads, why compromise on the underthread?**

After all, the underthread is equally critical as it's the part that comes into contact with the skin.

**TOP TIP - Magnetic Bobbins**

*Magnetic bobbins have either a magnetic core or side which adheres to the bobbin case. For the best results, remove the anti-backlash spring from the bobbin case.*



<b>SIDELESS BOBBINS</b>	<p><b>Sideless bobbins</b> Easy to run, easy to change and allow you to see how much is left through the bobbin case, may require more tensioning.</p>
<b>SIDED BOBBINS</b>	<p><b>Sided bobbins</b> Help reduce lint build-up in the bobbin cavity and create less friction and wear against the metal bobbin case.</p>
<b>MAGNETIC BOBBINS</b>	<p><b>Magnetic bobbins</b> Have either a magnetic core or side which adheres to the bobbin case. For the best results, remove the anti-backlash spring. The function of the spring is to act as a break to stop the bobbin from over-spinning when the machine stops.</p> <p>As standard bobbins run down, their reduced weight can create vibrations within the bobbin case. This can cause overspin and backlash which can result in looping or thread breaks. The magnetic core or side holds the bobbin tight within the case, to eliminate this problem.</p>



# Burmilon

100% Polyester underthread available in two thicknesses, 120 and 300 in black and white. Strong and lint free, ensuring no extra bulk is added to the embroidery.



## BURMILON 120/2

100% Polyester

Best seller



dtex 80 x 2  
den 72 x 2



7500m

Art. No. 301



Black & White



## BURMILON 300

100% Polyester

Superfine



dtex 55 x 2  
den 50 x 2



10,000m

Art. No. 304



Black & White



## BURMILON bobbin thread

Article Code	Thread Thickness	Colour	Size	Price
301 - 501	120/2	White	7500m	£9.77
301 - 500	120/2	Black	7500m	£10.94
304 - 501	300	White	10,000m	£7.16
304 - 500	300	Black	10,000m	£8.19



**SENA**  
green  
100% Lyocell



**POLYNEON**  
green  
100% Polyester



**SUPER70W**  
100% Polyester

Cones used for self-winding are available in various thicknesses offering an economical solution at the cost of additional time, tools and work.

Article Code	Colour	Size	Price
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## SENA Green biodegradable bobbin thread

319 - 501	White	7500m	£8.81
319 - 500	Black	7500m	£10.33

## POLYNEON Green recycled bobbin thread

321 501	White	7500m	£8.08
321 500	Black	7500m	£9.45

## SUPER70 economy bobbin thread

CONE-SUPER70W	White	7500m	£7.49
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Biodegradable



dtex 74 x 2  
den 44 x 2



7500m

Art. No. 319



Black & White



Recycled



dtex 80 x 2  
den 75 x 2



7500m

Art. No. 321



Black & White



Economy



dtex 80 x 2  
den 72 x 2



7500m

Art. No. CONE-SUPER70



White



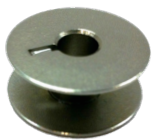


# Bobbin Cases

## Which underthread weight should you use?

Use Burmilon 120/2 with standard 40-weight thread. For heavier threads, switch to a finer bobbin such as Burmilon 300 to reduce bulk.

- ✓ Perfectly tensioned embroidery should have 1/3 bobbin to 2/3 top thread visible underneath.
- ✓ Underthread requirement is approx. 3m per 1000 stitches.
- ✓ For top thread you can expect approx. 5m per 1000 stitches.



55623



BC-HR4-NBL6



BC-HR5-NBL6



BC-HSA-04021



Anti back-lash spring

High quality steel bobbins for use with all types of bobbin winder. Compatible with most embroidery machines. Standard size metal bobbin case for 'L' style bobbins with anti-backlash spring and adjustable screw tensioning.

Article Code	Description	Quantity	Price
55623	Standard metal bobbin	Pack of 5	£3.79
BC-HR4-NBL6	Metal bobbin case with pigtail	Single	£11.33
BC-HR5-NBL9	Towa bobbin case Brother PR series	Single	£15.00
BC-HSA-04021	Metal bobbin case Happy machine	Single	£21.29

# Digital Tension Gauge



The TOWA digital tension gauge is easy to operate and measures both bobbin and top thread tension. It operates by simply wrapping thread around a system of pulleys, which read the tension produced when pulled against the top thread that is in your machine, or when a bobbin case is dropped into the unit, pulling the bobbin thread through the system of pulleys.

Article Code	Description	Price
050GAUGE	TOWA digital thread tension gauge	£147.32


Requires: 3 AAA Batteries (not included)




Tension gauge video


# Backing Guide

Without stabilisation, the base material will pucker and form wrinkles. For smooth, distortion-free embroidery, you should always use a suitable backing.

OneTear Pro		
<b>BAK004</b>	40g	100% viscose. One-way tear with a papery feel.
<b>BAK0065</b>	60g	100% viscose. One-way tear with a papery feel. Heavier weight reduces the number of pieces needed.
OneTear Premium		
<b>BA42T</b>	42g	100% viscose. Stable, one-way tear with a papery feel.
<b>BA52T</b>	52g	100% viscose. Stable, one-way tear with a papery feel.
<b>BA62T</b>	62g	100% viscose. Stable, one-way tear with a papery feel.
OneTear Soft		
<b>BAKLOH50</b>	50g	Viscose / polyester blend. Soft, mediumweight, one-way tear.
<b>BAKLOH60</b>	60g	Viscose / polyester blend. Strong, soft, one-way tear.
TotalTear Pro		
<b>BAL40</b>	40g	Cellulose / polyester blend. Soft, multi-directional tear.
<b>BAL60</b>	60g	Cellulose / polyester blend. Soft, mediumweight, multi-directional tear.
<b>051WT45</b>	45g	Wood pulp / vinylon / polyester blend. Papery, multi-directional tear.
<b>051WT80</b>	80g	Wood pulp / vinylon / polyester blend. Strong, papery, multi-directional tear. Only one piece is required.
TotalTear Vilene		
		
<b>BO806</b>	50g	80% wood pulp, 20% polyester. Mediumweight, soft, multi-directional tear.
<b>BO808</b>	75g	70% wood pulp, 30% viscose. Soft heavyweight backing, tears off very easily. Only one piece is required.
TotalTear Green		
<b>BAL50WBIO</b>	50g	100% viscose with biobased binder. Biodegradable, multi-directional easy tear.
TotalTear Ultra		
<b>BAN1</b>	100g	80% wood pulp, 20% biocomponent fibre. Supersoft, heavyweight tear away. Only one piece is required.
<b>AIRLON</b>	95g	Cellulose pulp, bicomponent fibres. Ultrasoft, thick tear-away. Only in squares. Only one piece is required.
Fusible   Stick-on		
<b>H54</b>	38g	Adhesive filmoplast with grid lines to assist design placement. Ideal for items that are too small or too bulky to hoop.
<b>051SV57</b>	50g	Stick-on, tear-away with a release paper on one side for fabrics that cannot be hooped or when you want to prevent hoop marks.
<b>FLBA42T</b>	42g	Fusible, tear-away backing offering extra stability. Useful for stretchy items.

SuperCut Vilene		
		
<b>BO504</b>	40g	60% polyester 40% wood pulp. Soft, cut away.
<b>BO505</b>	50g	60% polyester / 40% wood pulp. Soft, mediumweight cut-away.
<b>BO506</b>	60g	60% polyester, 40% wood pulp. Soft and stable cut-away.
<b>BO508</b>	80g	60% polyester 40% wood pulp. Strong cut-away.
<b>BO509</b>	160g	60% polyester, 40% wood pulp. Extremely firm, cut-away.
SuperCut Green		
<b>052GRC41</b>	45g	100% recycled polyester. Mediumweight, cut-away with a fine waffle texture and durable composition.
<b>052GRC81</b>	80g	100% recycled polyester. High-stability, cut-away with a fine waffle texture and durable composition.
SuperCut Pro-soft		
<b>051PS65</b>	65g	100% recycled polyester. Soft, mediumweight cut-away.
<b>051PS89</b>	80g	100% recycled polyester. Super-soft, heavyweight cut-away will help prevent puckering on stretchy fabrics.
<b>BAK0080</b>	80g	100% polyester. Soft, cut-away, only available in squares.
SuperCut Pro-hard		
<b>051PH89</b>	80g	100% recycled polyester. Hard cut-away.
SuperCut Web		
<b>051WL50</b>	44g	100% polyamide. Lightweight 'no-show' backing, offering high-stability ideal for preventing puckering on stretchy sports fabrics.

Specialist Backing		
<b>051FF525</b>	55g	Fire retardant, made from 100% Aramid. Kretzer scissors are recommended to cut this backing.
<b>Termogarza</b>	-	Heat-sensitive gauze for non-washable, or delicate fabrics. Once heat-pressed, it will disintegrate, leaving no visible backing.
<b>051CW50</b>	40g	Comfortwear is a soft fabric heat-pressed onto the back of embroidery to prevent skin irritation.
<b>ST104</b>	-	Water Seal is a clear film that's heat-pressed onto the back of embroidery to create a waterproof seal.
<b>035HI125</b>	-	Heatseal is a heat-activated film, adhesive on both sides used to permanently bond badges or appliqué to garments.
<b>035HI55</b>	-	
<b>HSF5256</b>	-	
<b>051RC71</b>	76g	Sturdy, tear-away backing on a roll for embroidery all around the cap.

Biodegradable 

Recycled 

# Hints & Tips

When choosing a stabiliser, consider the type of fabric being embroidered and the stitch count of your design and use a maximum of three layers.



## Fine T-shirts

Use the smallest ball-point needle possible for the thread type being used. Needle recommendations can be found on the back of the shade card.



## Hoodies & Polos

Use ball-point needles & Avalon, a water-soluble topping to stop stitches sinking.



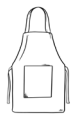
## Sportswear (stretchy fabrics & lycra)

Use ball-point needles and a 'no-show' stabiliser (Weblon) to prevent puckering.



## Fine Work Shirts

Use the smallest sharp-point needle possible for the thread type being used.



## Woven Fabrics (aprons & overalls)

Use sharp-point needles and a tear-away backing.



## Knits & Beanie Hats

Use ball-point needles & Avalon, a water-soluble topping to stop stitches sinking.



## Badges

**Badge making fabric options:** Felt, cotton drill, Rastotex, Texcotton & MadeirAS 'B' Film. Use heat seal film to adhere the badge to the garment.



## Baseball Caps

Use SAN®1 size 80 sharp-point titanium needles.



## Leather & Jackets

Use SAN®1 titanium needles. Use ST104 - water seal film to re-seal waterproof fabrics after embroidery.




## Fire Retardant Items

For complete protection, Firefighter bobbin thread and 051FF525 backing is strongly recommended. Kretzer scissors are ideal for cutting Aramid backing.



## Tear away

	ROLL SIZE	WEIGHT	WHITE	BLACK	CHARCOAL	PRE-CUTS	ROLL PRICE WHITE	ROLL PRICE BLACK/CHARCOAL
<b>OneTear Pro</b>								
BAK004W50/30	30cm x 50m	40g	•				£13.33	-
BAK004W50/45	45cm x 50m	40g	•				£17.35	-
BAK004/20W	20cm x 200m	40g	•				£22.73	-
■ BAK004	90cm x 200m	40g	•		•	•	£68.20	£88.16
■ BAK0065	90cm x 100m	65g/62g	•		•		£74.56	£78.69
<b>OneTear Premium</b>								
BA42T	90cm x 200m	42g	•	•			£94.85	£108.27
BA52T	90cm x 200m	52g	•				£124.24	-
BA62T	90cm x 200m	62g	•				£133.78	-
<b>OneTear Soft</b>								
■ BAKLOH50	90cm x 100m	50g	•			•	£57.04	-
■ BAKLOH60	90cm x 100m	60g	•				£51.61	-
<b>NEW</b>	<b>TotalTear Pro</b>							
■ BAL40	90cm x 200m	40g	•			•	£66.27	-
■ BAL60	90cm x 200m	60g	•			•	£120.00	-
■ 051WT45	90cm x 100m	45g	•			•	£29.50	-
■ 051WT80	90cm x 100m	80g	•				£75.00	-
<b>TotalTear Vilene</b>								
BO806	90cm x 200m	50g	•	•			£98.33	£106.19
■ BO808	90cm x 100m	75g	•	•		•	£73.91	£84.55
BO808/20W	20cm x 100m	75g	•				£23.90	-
BO808/30W	30cm x 100m	75g	•				£47.79	-
BO808/36W	36cm x 100m	75g	•				£50.88	-
<b>TotalTear Green</b>								
■ BAL50WBIO 	90cm x 200m	50g	•				£110.00	-
<b>TotalTear Ultra</b>								
■ BAN1X200W	100cm x 200m	100g	•			•	£148.00	-

FREUDENBERG vilene

■ Available in pre-cut squares  Biodegradable  Recycled raw materials

# Backing Fabrics



STANDARD  
100  
Hohenstein HTTI

## Cut away

FREUDENBERG vilene

		ROLL SIZE	WEIGHT	WHITE	BLACK	CHARCOAL	PRE-CUTS	ROLL PRICE WHITE	ROLL PRICE BLACK/CHARCOAL
<b>SuperCut Vilene</b>									
B0504		90cm x 100m	40g	•	•			£55.23	£56.54
B0505		90cm x 100m	50g	•	•			£62.26	£65.31
B0506		90cm x 100m	65g	•	•			£78.28	£82.63
B0508		90cm x 100m	80g	•	•			£114.66	£117.55
B0509		90cm x 50m	160g	•				£132.12	-
<b>NEW SuperCut Green</b>									
052GRC41	EZEE Green	100cm x 100m	45g	•	•			£104.63	£104.63
052GRC81	EZEE Green	100cm x 100m	80g	•	•			£140.59	£140.59
<b>SuperCut Pro-soft</b>									
051PS65		90cm x 100m	65g	•				£69.50	-
051PS89		90cm x 100m	80g	•	•		•	£80.41	£83.54
<b>SuperCut Pro-hard</b>									
051PH89		90cm x 100m	80g	•				£80.41	-
<b>SuperCut Web</b>									
051WL50	Weblon	50cm x 45m	44g/34g	•	•		•	£82.94	£85.63
051WL75	Weblon	75cm x 45m	44g/34g	•	•		•	£104.76	£120.54

		ROLL SIZE	WEIGHT	WHITE	BLACK	CHARCOAL	PRE-CUTS	ROLL PRICE	METRE PRICE
<b>Fusible   Stick on</b>									
H54	Stick on Filmoplast	54.5cm x 15m	38g	•				£69.06	£5.29
051SV57	Stick on peel away	75cm x 100m	50g	•				£261.34	£4.60
FLBA42T	Fusible	90cm x 200m	42g	•				£116.80	£1.06

- One-directional tear
- Papery feel, one-directional tear
- Soft, one-directional tear
- Multi-directional tear
- Soft, Vilene, multi-directional tear
- Biodegradable, multi-directional tear
- Supersoft, heavyweight, multi-directional tear
- Soft, stable cut-away Vilene
- Eco-friendly, made from recycled raw materials
- Supersoft, cut-away
- Hard, cut-away
- High stability, no-show, for stretchy fabrics
- Fusible / stick on peel away options

# Pre-cut squares | tear-away

STANDARD  
100  
Hohenstein HTTI



OneTear Pro					
BAK004W one-way tear	40g	○	15cm <sup>2</sup>	1000	£14.86
				5000	£71.96
			18cm <sup>2</sup>	1000	£18.42
				5000	£86.95
			20cm <sup>2</sup>	1000	£22.85
				5000	£111.49
BAK004C one-way tear	40g	●	18cm <sup>2</sup>	1000	£24.03
				5000	£110.81
			20cm <sup>2</sup>	1000	£28.62
				5000	£125.51
BAK065 one-way tear	65g	○	15cm <sup>2</sup>	1000	£25.68
				4000	£97.86
			18cm <sup>2</sup>	1000	£38.77
				4000	£146.32
			20cm <sup>2</sup>	1000	£40.35
				4000	£160.73
BAK065B one-way tear	62g	●	18cm <sup>2</sup>	1000	£40.02
				4000	£146.32
OneTear Soft					
BAKLOH50W one-way tear	50g	○	16.5cm <sup>2</sup>	1000	£26.75
				4000	£88.94
			20cm <sup>2</sup>	1000	£33.84
				4000	£128.75
TotalTear Pro					
BAL40W multi-tear	40g	○	15cm <sup>2</sup>	1000	£14.44
				5000	£69.93
			18cm <sup>2</sup>	1000	£17.90
				5000	£84.49
			20cm <sup>2</sup>	1000	£22.21
				5000	£108.34
BAL60W multi-tear	60g	○	15cm <sup>2</sup>	1000	£24.96
				4000	£95.09
			18cm <sup>2</sup>	1000	£37.68
				4000	£142.18
			20cm <sup>2</sup>	1000	£39.21
				4000	£156.18
051WT45W multi-tear	45g	○	18cm <sup>2</sup>	1000	£16.50
				1000	£21.00
TotalTear Vilene					
B0808 Vilene multi-tear	75g	○	20cm <sup>2</sup>	1000	£41.59
TotalTear Green					
BAL50BIOW biodegradable multi-tear	50g	○	20cm <sup>2</sup>	1000	£31.40
TotalTear Ultra					
AIRLON 95BX supersoft multi-tear	95g	○	19 - 20cm <sup>2</sup>	2500	£79.95
BAN1WBX soft heavyweight multi-tear	100g	○	19 - 21cm <sup>2</sup>	2500	£89.26



# Pre-cut squares | cut-away

## Unsure which backing to use?

The most important factor when choosing a stabiliser is the type of fabric being embroidered, then consider the style and stitch count of your embroidery and use a maximum of three layers.

SuperCut Pro-soft					
<b>051PS89</b> soft cut-away	80g	○	20cm <sup>2</sup>	1000	£44.20
<b>BAK0080</b> soft cut-away	80g	○	20cm <sup>2</sup>	1000	£42.04
SuperCut Web					
<b>051WL20W</b> high stability cut-away		○	20cm <sup>2</sup>	250	£38.36
<b>051WL20S</b> high stability cut-away	34g	●	20cm <sup>2</sup>	250	£42.62

## Bespoke cutting service

Have you considered how long it takes to cut an entire roll of backing and what impact this has on the efficiency of your embroidery business? To help save time and money, we offer a bespoke cutting service on the majority of our backing products.

Our skilled production team ensure precise cuts that match your unique specifications, enabling faster assembly and minimising waste.

	Roll size	1 Roll	3+ Rolls
Price	100m	£10.99	£8.99
	200m	£14.99	£12.99

Reduced cutting rate is only available when ordering in multiples of three, to qualify rolls must be:

- Same product
- Same colour
- Cut to same dimensions

Minimum size 15cm

Maximum size 45cm

**N.B.** If you have ordered other consumables, your bespoke cut backing will be delivered separately. Please allow 3-5 working days for this service (busy periods may take up to 10 days).

✓ Speed up production

✓ Cut to your specification

✓ Accurately machine cut

# Specialist Backings & Toppings



	Product Code	Topping	Backing	Roll Size	Roll Price	Metre Price
<b>Water Soluble</b>	9440*	•	•	30cm x 10m	£8.54	-
	AVA 20/100 20 micron	•	•	20cm x 100m	£36.30	-
	AVA 50/100 20 micron	•	•	50cm x 100m	£92.59	-
	AVA 100/100 20 micron	•	•	100cm x 100m	£161.51	£4.78
	AVA SF025 25 micron	•		20cm x 100m	£30.99	-
	035AVS51 Avalon Strong 35 micron		•	50cm x 100m	£54.36	-
	035AVS11 Avalon Strong 35 micron		•	100cm x 100m	£93.66	£2.76
	035AVU55 Avalon Ultraflat 90 micron		•	50cm x 50m	£80.25	£4.57
	AVA+100/100 300 micron Avalon Plus		•	100cm x 100m	£268.65	£7.33



<b>Heat / Fire</b>	051FF525 Firefighter 55g		•	20cm x 50m	£168.72	£4.24
	TERMOGARZA Heat dissolvable Black		•	82.5cm x 1m	-	£4.00
	TERMOGARZA Heat dissolvable White		•	85cm x 1m	-	£3.04



<b>Finishing</b>	HSF-5256 Heatseal Film		•	67cm x 100m	£275.61	£4.66
	035HI125 Heatseal Film		•	20cm x 50m	£94.31	-
	035HI155 Heatseal Film		•	50cm x 50m	£135.98	£4.72
	051CW50S Comfortwear Black		•	50cm x 100m	£218.52	£3.27
	051CW50W Comfortwear White		•	50cm x 100m	£207.98	£3.12
	ST104 Waterseal Film		•	44.5cm x 1m	-	£4.80

Comfortwear  
video





# 3D Foam, Badges & Caps

Embroidery that makes a statement! Using the foam as a topping with a few adjustments to your digitising, you can easily create 3D embroidery, perfect for caps!





3D foam shade card

	Product Code	Topping	Backing	Size	Thickness	Price
<b>3D Foam</b>	035B010 Bodybuilder Soft ■ □	•		30cm x 40cm	3mm	£11.69 Pack of 10
	035BH010 Bodybuilder Hard ■ □	•		30cm x 40cm	3mm	£14.65 Pack of 10
	Coloured Foam 10 colours available ■ □ ■ □ ■ □ ■ □ ■ □	•		50cm x 70cm	3mm	£22.86 Pack of 5
	3D-TOOL	3D foam perfector tool to eliminate excess foam				



	Product Code	Topping	Backing	Roll Size	Roll Price	Metre Price
<b>Badges</b>	035AS51B 'B' Film		•	50cm x 100m	£63.08	£1.82
	035ASB 'B' Film		•	100cm x 100m	£88.82	£2.48



	Product Code	Topping	Backing	Roll Size	Roll Price	Pack Price
<b>Caps</b>	 051RC71W Cap Backing 76g		•	10cm x 100m	£16.41	-
	 051QC71W Cap Backing 76g		•	10cm x 30cm	-	£13.98 Pack of 250



# Appliqué Fabrics

Tear off appliqué fabrics are an effective and quick way to produce a unique look, the perfect solution for easily creating patches & large area lettering. Ideal for any item including bags, clothing or caps.

- ✓ No more hand cutting fabrics
- ✓ Eliminate difficulty aligning your satin border
- ✓ Store in a cool dry place between 5 - 25°C
- ✓ Wash inside out



Appliqué video

Product code	Fabric finish	Colours available	Sheet size	Price per sheet	
PELLTEX Tear Away	Shiny leatherette	Silver & Gold	50cm x 70cm	£8.80	PELLTEX 60°
GLITTERLUX Tear Away	Smooth glittery	Silver, Gold, Blue	50cm x 70cm	£10.83	GLITTERLUX 40°
VELLUTEX Tear Away	Soft velvet	Black, White Red, Navy, Green Yellow, Clear blue	48cm x 68cm	£13.44	VELLUTEX 40°

## Felt & Cotton Drill

Using cotton drill or felt for badges reduces the risk of damaging garments.



FELT	COTTON DRILL
100% Polyester	67% Polyester 35% Cotton
200g	300g
18	3
2m x 1m	150cm x 1m
£13.72	£8.57

Product	Colours	Size	Price
VEL-2025 Sew on tape hook & loop	● ●	20mm x 25m	£25.66 2 pack
VEL-HK2525 Sew on tape hook	● ● ●	25mm x 25m	£11.34
VEL-HK5025 Sew on tape hook	● ● ●	50mm x 25m	£19.95
VEL-LP2525 Sew on tape loop	● ● ●	25mm x 25m	£11.34
VEL-LP5025 Sew on tape loop	● ● ●	50mm x 25m	£19.95



# Badge Making

Cut away synthetic appliqué fabrics for easily creating badges and patches.



Badge making video

Product code	Fabric finish	Colours available	Sheet size	Price per sheet
RASOTEX Cut Away	Slightly textured woven finish	Black, White, Grey, Navy, Red, Yellow	68cm x 1m	£15.99
TEXCOTTON Cut Away	Velvety flocked finish	Black, White Navy, Red	68cm x 1m	£15.99



## Fully stitched badges

### 'B' Film

Product code on page 24

Create a fully stitched badge with a satin stitch border using just 'B' film.

### Heatseal Film

Product code on page 23

Clear adhesive film for sealing badges and permanently bonding to garments.



#### Adhere using Heatseal film

##### To seal a badge or emblem

Place the Heatseal face down on the reverse of the badge ensuring the paper backing remains between the heat source and the film.

#### Heat press

Temperature	170°C
Pressure	0 - 1 bar
Duration	5 seconds

#### Iron on

Temperature	3 points - no steam
Duration	5 seconds each side

##### To adhere to a garment

Follow steps to seal a badge. Peel off the release paper and position onto the garment. Cover with a clean cloth & heat press or iron.

Temperature	160°C - 200°C
Pressure	2.8 - 4.2 bar
Duration	15 - 20 seconds

Temperature	3 points - no steam
Duration	15 - 20 seconds each side

# Scissors & Snips



Gold plated Multi application scissors	<b>i</b>
Length	4"
Curved	-
Straight	<input checked="" type="checkbox"/>
Art. No.	9477
<b>Price</b>	<b>£6.10</b>



Gold plated Double curved scissors	<b>i</b>
Length	4"
Curved	<input checked="" type="checkbox"/>
Straight	-
Art. No.	9478
<b>Price</b>	<b>£6.31</b>



Gold plated Curved scissors	<b>i</b>
Length	4"
Curved	<input checked="" type="checkbox"/>
Straight	-
Art. No.	9476
<b>Price</b>	<b>£6.10</b>



Chrome plated Double curved scissors	<b>i</b>
Length	5"
Curved	<input checked="" type="checkbox"/>
Straight	-
Art. No.	9491
<b>Price</b>	<b>£13.64</b>



Superman scissors with extra large finger holes	<b>i</b>
Length	4"
Curved	<input checked="" type="checkbox"/>
Straight	-
Art. No.	95510
<b>Price</b>	<b>£12.09</b>



Compact straight embroidery scissors	<b>i</b>
Length	4"
Curved	-
Straight	<input checked="" type="checkbox"/>
Art. No.	SC40/107
<b>Price</b>	<b>£3.69</b>



\*Handle colour may vary

Steel scissors with soft grip handle	<b>i</b>
Length	4"
Curved	<input checked="" type="checkbox"/>
Straight	<input checked="" type="checkbox"/>
Art. No.	N5100
<b>Price</b>	<b>£9.48</b>



Steel scissors with exaggerated curved blade	<b>i</b>
Length	4"
Curved	<input checked="" type="checkbox"/>
Straight	-
Art. No.	Xtrim9
<b>Price</b>	<b>£4.35</b>



Fiskars - High quality stainless steel	<b>i</b>	<b>i</b>
Length	4"	4"
Curved	-	<input checked="" type="checkbox"/>
Straight	<input checked="" type="checkbox"/>	-
Art. No.	FISK43S	FISK44C
<b>Price</b>	<b>£10.45</b>	<b>£10.45</b>



Slim & compact steel scissors with slim blade	<b>i</b>
Length	3.5"
Curved	-
Straight	<input checked="" type="checkbox"/>
Art. No.	SC35/111
<b>Price</b>	<b>£3.69</b>



Curved slender design steel scissors	<b>i</b>
Length	4.5"
Curved	<input checked="" type="checkbox"/>
Straight	-
Art. No.	SC47/111
<b>Price</b>	<b>£3.91</b>



Robust scissors with large straight blade	<b>i</b>
Length	5"
Curved	-
Straight	<input checked="" type="checkbox"/>
Art. No.	SC50/112
<b>Price</b>	<b>£4.02</b>



Compact curved embroidery scissors	<b>i</b>
Length	4"
Curved	<input checked="" type="checkbox"/>
Straight	-
Art. No.	SC427-4
<b>Price</b>	<b>£14.64</b>

# Tweezers & Seam Ripper



Shop scissors



Tailor Shears		
Length	9"	12"
Curved	-	-
Straight		
Art. No.	XCP19	XCP21
Price	£13.70	£25.85



Appliqué trimming scissors	
Length	6"
Curved	-
Straight	
Art. No.	9493
Price	£13.64



\*Handle colour may vary

Pinking shears	
Length	8"
Curved	-
Straight	
Art. No.	XN5350
Price	£25.28



\*Handle colour may vary

Wide bow scissors	
Length	8.5"
Curved	-
Straight	
Art. No.	XN5220WB
Price	£19.59



Kretzer aramid scissors	
Length	8.5"
Curved	-
Straight	
Art. No.	KR72920
Price	£25.68



Left-handed scissors	
Length	8"
Curved	-
Straight	
Art. No.	SC271-LH
Price	£20.95



Tweezers			
Length	5"	5"	6"
Angled	-		
Straight		-	-
Art. No.	TW2014	TW2015	TWE6A
Price	£2.00	£2.00	£3.08



Lightweight squeezers	
Length	4.5"
Curved	
Straight	
Art. No.	SQ45
Price	£5.53



Extra reach		
Length	4"	4.5"
Curved	-	-
Straight		
Art. No.	Xtra1	Xtra2
Price	£8.23	£8.23



\*Handle colour may vary

Thread Snips	
Length	4"
Curved	-
Straight	
Art. No.	020N9494
Price	£3.08



Thread Snips	
Length	4.5"
Curved	-
Straight	
Art. No.	XIS39
Price	£3.14



Thread Snips	
Length	4.5"
Curved	-
Straight	
Art. No.	9475N
Price	£2.34



Seam ripper	
Length	4.5"
Curved	-
Straight	
Art. No.	9469
Price	£3.40



# Needles

**RG** = Standard Sharp point - for tightly woven fabrics

**FFG/SES** = Light Ball point - for polo shirts, knits & fleece

**SUK** = Medium Ball point - for stretchy loose-knit fabrics

**SAN®** = Titanium coated - for tough fabrics, caps & leather

## Groz-Beckert needles

Professional embroidery needles manufactured by Groz-Beckert.



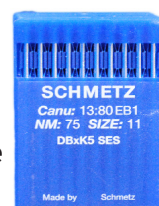
Article Code	Box of 100	Sizes available	Price
MXK5S	Sharp point RG	60,65,75,80 85,90,100	£18.10
MXK5L	Light ball point SES	60,65,70 75,80,90	£18.10
MXK5L 100	Medium ball point SUK	100	£18.10
<b>ORGAN NEEDLES</b> DBK575/11	Light ball point SES	75	£25.79

**SAN® (special application needles)** with a titanium (GEBEDUR®) coating for wear & tip protection

MXK5 SAN 1	Sharp point Caps, belts & leather	65,70,75,80	£31.81
MXK5 SAN8-80	Ball point for selected metallic threads	80	£42.60
MXK5G 75 FFG	Ball point	75	£35.22

## Schmetz needles

Schmetz needles for all embroidery. The DBXK5's elongated eye lets you use a smaller needle to reduce damage.



Article Code	Box of 100	Sizes available	Price
287WK	Sharp point	60,65,70,75,80,90,100	£39.82
287 WK SES	Light ball point	70,75,80	£39.82
287 WKHSUK	Ball point	75	£39.82
DBXK5	Sharp point	70,75,80,90	£26.56
DBXK5 SES	Ball point	65,70,75,80,90	£26.56

## Needle range for the Brother PR series / Domestic machines (pack of 5)

705H-130	Universal regular point	60,65,75,90	£3.52
130-705-HE	Embroidery light ball point	75, 90	£3.52
<b>ORGAN NEEDLES</b> 9456	Embroidery light ball point	75	£3.19

## Gold Titanium embroidery needles (pack of 5)

705-ET 75	Embroidery sharp point	75	£4.37
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## New needles will help improve embroidery quality

### Change needles regularly to avoid:

- ✓ Thread Breaks
- ✓ Puckering
- ✓ Looping
- ✓ Skipped, Uneven stitches
- ✓ Bird Nesting
- ✓ Fabric Damage

### We also recommend changing needles when:

- ✓ Using a different thread weight
- ✓ Introducing a new type of thread e.g. metallics
- ✓ When applying a new technique such as 3D



# Select the correct needle size

The thread weight you are embroidering with will determine what size needle you should use. Recommended needle sizes can be found on the reverse of each thread shade card.



How often should you change needles?

THREAD TYPE	GENERAL THREAD WEIGHT & NEEDLE SIZE FOR STANDARD FABRICS AND APPLICATIONS											
	150	75	60	50	45	40	35	30	20	15	12	FR
<b>CLASSIC</b>	-	-	65/9	-	-	65/9 75/11	-	75/11	-	-	100/16	-
<b>POLYNEON</b>	-	60/8	60/8 65/9	-	-	60/8 75/11	-	-	-	-	-	60/8 75/11
<b>POLYNEON</b> <small>green</small>	-	-	-	-	-	60/8 75/11	-	-	-	-	-	-
<b>FROSTED MATT</b>	-	-	-	-	-	60/8 75/11	-	70/10 80/12	-	-	-	-
<b>FS METALLIC</b>	-	-	-	65/9 75/11	*80/12 SAN8 90/14	65/9 75/11	*80/12 SAN8 90/14	*80/12 SAN8 90/14	100/16	100/16	100/16	-
<b>SUPERTWIST</b>	-	-	-	-	-	-	-	*80/12 SAN8 90/14	-	-	-	-
<b>BURMILANA</b>	-	-	-	-	-	-	-	-	-	-	100/16	-
<b>AEROSTITCH</b>	-	-	65/9	-	-	75/11	-	-	-	-	-	-
<b>FIRE FIGHTER</b>	-	-	-	-	-	75/11 80/12	-	-	-	-	-	-
<b>LCNA</b>	-	-	-	-	-	65/9 75/11	-	-	-	-	-	-
<b>MONOFIL</b>	-	-	65/9	-	-	75/11	-	-	-	-	-	-
<b>MONOLON</b>	60/8	-	-	-	-	-	-	-	-	-	-	-
<b>HC</b>	-	-	-	-	-	75/11 80/12	-	-	-	-	100/16	-
<b>REFLECT-T50</b>	-	-	-	-	-	-	-	-	*80/12 SAN8	-	-	-
<b>SENSA</b> <small>green</small>	-	-	-	-	-	65/9 75/11	-	-	-	-	-	-

\*80/12 SAN8 - special application needle with an enlarged eye



# Embroidery Machine Frames

A selection of popular frames for single or multi-head embroidery machines.



Magnetic frame adaptor bar guide



Article Code	Description	Size	Price
AM119-12	Tubular frame	12cm	£52.71
AM119-15	Tubular frame	15cm	£59.13
AM119-18	Tubular frame	18cm	£61.33
AM119-22	Tubular frame	22cm	£60.78
AM119-3630	Tubular frame	36 x 30cm	£71.78

Article Code	Description	Size	Price
520-QS-9	Single head	9cm	£78.97
380-QS-9	Multi head	9cm	£66.68
520-QS-12	Single head	12cm	£81.31
380-QS-12	Multi head		£69.42
520-QS-15	Single head	15cm	£87.73
380-QS-15	Multi head		£71.83
520-QS-18	Single head	18cm	£90.66
380-QS-18	Multi head		£91.14
520-QS-3029	Single head	30 x 29cm	£93.00
380-QS-3029	Multi head		£92.97



Article Code	Description	Size	Price
HAP-CFR-12	Complete frame	12cm	£25.74
HAP-CFR-15	Complete frame	15cm	£25.74
HAP-CFR-18	Complete frame	18cm	£25.74
HAP-CFR-30	Complete frame	30cm	£25.74



Article Code	Description	Size	Price
TFA90	Tubular frame	9cm	£41.77
TFA120	Tubular frame	12cm	£41.77
TFA150	Tubular frame	15cm	£41.77
TFA180	Tubular frame	18cm	£41.77
TFA210	Tubular frame	22cm	£47.50
TFA2430	Tubular frame	24 x 30cm	£70.45
SAI180	Sai frame	18cm	£47.50



Article Code	Description	Size	Price
PRH60	Small frame	6cm x 4cm	£36.66
PRH100	Standard frame	10cm x 10cm	£42.49
PRH180	Standard frame	18cm x 13cm	£46.66
PRH300	Standard frame	30cm x 20cm	£49.99



# Magnetic Frames

The strong magnets are ideal for framing thick materials that are difficult to hoop with a traditional style frame.

Article Code	Description	Size	Price	Qty break 8 frames	Qty break 24 frames
MAG-FR-1210	Small magnetic frame	12cm x 10cm	£92.99	£89.50	£81.37
MAG-FR-15	Medium magnetic frame	15cm x 15cm	£92.99	£89.50	£81.37
Article Code	Description	Size	Price	Qty break 4 frames	Qty break 8 frames
MAG-FR-24	Medium magnetic frame	24cm x 24cm	£157.49	£151.99	£141.75
MAG-FR-33	Large magnetic frame	33cm x 26cm	£157.49	£151.99	£141.75
PRMFA50 <b>brother</b>	Magnetic frame and arm	5cm x 5cm	£110.83	-	-
PRVMFMKIT <b>brother</b>	Versatile magnetic frame kit	10cm x 10cm	£265.99	-	-
PRVMFLKIT <b>brother</b>	Versatile magnetic frame kit	18cm x 13cm	£309.16	-	-



12cm x 10cm



15cm x 15cm



24cm x 24cm



26cm x 33cm



10cm x 10cm  
**brother**



18cm x 13cm  
**brother**

# Station Board

**New fully magnetic station board no longer needs a fixing mount!**

For use with magnetic frames to quickly and consistently hoop garments with the right tension for embroidery.

Simply use the letters on the board to line up the back of the frame with precision every time.

Article Code	Description	Price
MAG-STATION	Station Board	£183.75
SB-MAGNETS	Replacement magnets (Pack of 2)	£4.00



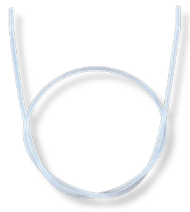
Magnetic frame video

# Machine Maintenance

Optimise production and keep your embroidery machine running smoothly with regular maintenance.



PONTUS 15		LB5		OIL PEN		EZEZ NEEDLE		9473	
Machine oil		Spray hook lubricant		Fine point oil pen		Embroidery needle replacement tool		Thread cutter with needle threader	
1 litre		300ml		Single pen		Single		Single	
Price	£9.60	Price	£5.52	Price	£7.35	Price	£59.50	Price	£5.95



EZEZ THREADER		124-6 Precision Screwdriver		DR-55 - Ratchet Screwdriver	
Embroidery machine threader		Set includes 8 tips conveniently stored inside		Access tight spaces with low profile head	
Price	£6.00	Price	£7.95	Price	£13.96

## Green Clean

Hi-tech compressed air - GREEN CLEAN is non-contact and residue-free used to easily remove dust particles, lint and other abrasives.

Regularly cleaning out the rotary hook area, underneath the needle plate, tension wheels and metal bobbin cases will help keep embroidery machines running smoothly.



G2044	
Air Power Eco Booster	
400ml	
Price	£7.02

## Eco-hoop

Designed to remove hoop marks from garments.



ECO-HOOP	
Hoop mark remover	
500ml	
Price	£6.70

# Embroidery Accessories

Temporary adhesive sprays are great for holding and positioning appliqués, 3D foam and cut pieces of fabric.

	Article Code	Description	Size	Price per can	Price x12 cans
<b>Sprays</b>	MSA1100	Temporary adhesive spray	500ml	£9.32	£103.86
	AD505	Temporary adhesive spray	250ml	£6.22	£69.34
	AD505 STICK	Temporary adhesive glue stick	36g	£2.95	-
	AD606	Permanent once heat pressed	250ml	£6.22	£69.35
	SILICONE SPRAY	Silicone spray thread lubricant	500ml	£7.80	-



Always test on fabric before use to ensure suitability

<b>Pens &amp; Pencils</b>	MAGP	Touch up marker pens	12 colours available	£3.61
	CH-PENCILS3PK	Chalk pencil - pack of 3	White	£10.29
	CH-PENCIL	Chalk pencil	White	£4.81
	9470	Air/water soluble pen	Violet	£2.03
	BPE	Pen with erasing ink	Blue	£2.14

<b>Other Accessories</b>	CN-RACK18	Wooden cone rack	Holds 18 cones	£22.35
	CONET	Elasticated cone nets	Pack of 10	£2.88
	PUNCH-BN	Digitising text book	-	£64.33
	9467	Lana brush	2 pack	£2.58
	3D-TOOL	3D foam perfector tool		£10.25
	EZEE-TAPE	150cm tape measure		£3.95

## Peggy's Stitch Eraser®

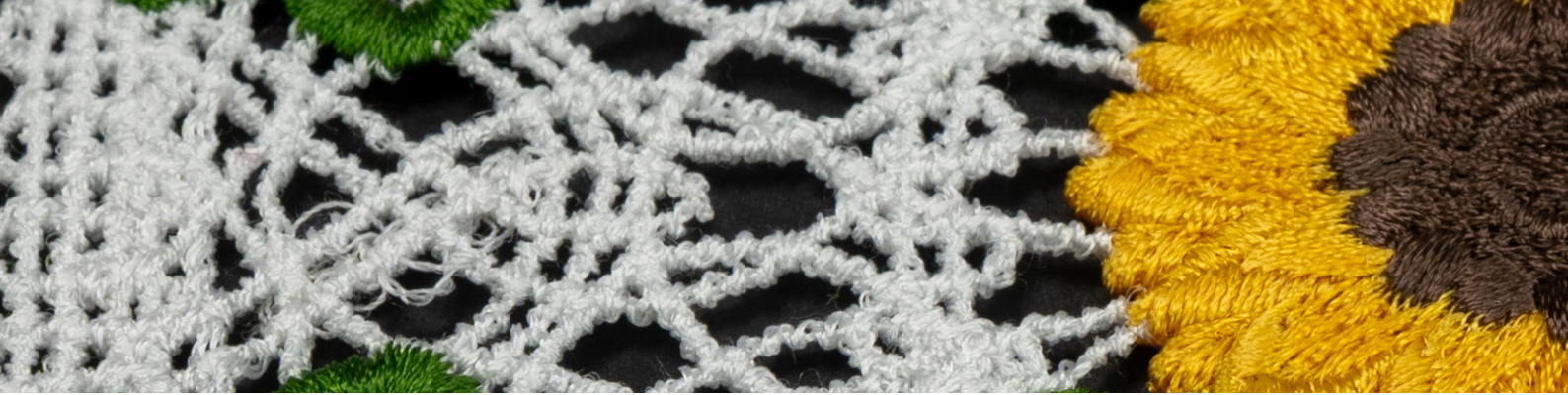
Save your garment with this time saving stitch removal tool.

PSE-PRO	Large cutting head Rechargeable unit 230V, cord / cordless operation	£90.00
PSE-PRO-BLADE	Peggy Pro - replacement blades	£18.46
PSE-9	Small cutting head Rechargeable unit 230V, cord / cordless operation	£90.00
PSE-9-BLADE	Peggy 9 - small cutting head replacement blades	£18.46
PSE-9 WIDE BLADE	Peggy 9 - wide cutting head replacement blades	£16.12
PSE-3B (old style unit)	Peggy 3 - replacement blades for discontinued units	£18.46
PSE-3BN (new style unit)		



Peggy's Stitch Eraser video

That awful moment when you spot a spelling mistake or the wrong colour on a logo. Peggy's Stitch Eraser is here to help. A time-saving tool trusted by thousands to quickly remove unwanted stitches.



# Design Boxes

## Design boxes

3 stackable wooden drawer units containing 1 cop of each plain colour in the range. Perfect for colour matching, sampling and displays. Empty drawer unit available to create your own colour range.

### D7D-MS-Rayon

100% Rayon	
x7 drawers	
1000m	
387 plain colours	
Price	£981.07

### D7D-MS-Rayon-Empty

Empty drawer unit	
x7 drawers	
1000m	
Can hold 420 x 1000m	
Price	£316.08

### D7D-Poly

100% Polyester	
x7 drawers	
1000m	
413 plain colours	
Price	£799.76

### D7D-MS-Poly-Empty

Empty drawer unit	
x7 drawers	
1000m	
Can hold 420 x 1000m	
Price	£316.08



Box dimensions approx. 43 x 51 x 54cm



Box dimensions approx. 43 x 24 x 54cm



Box dimensions approx. 43 x 18 x 54cm

### SK BOX

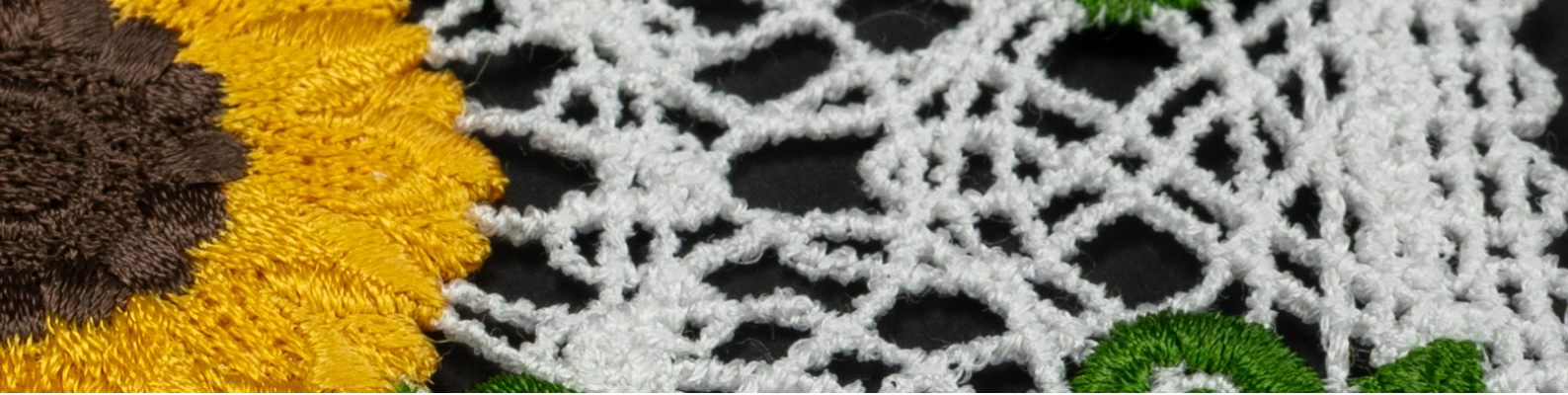
Empty storage box	
Holds 48	
1000m	
Clear plastic	
Price	£21.10

### D4D-FMatt

96% Polyester 4% Ceramic	
x4 drawers	
1000m	
189 colours	
Price	£728.21

### D3D-Sensa

100% Lyocell	
x3 drawers	
1000m	
144 colours	
Price	£401.70
















# Kit Boxes & Shade Cards

## Mini kit boxes

The perfect assortment to get you started in machine embroidery. Each kit contains 10 of the most popular colours from each range.















SK MINI - Classic		SK MINI - Polyneon		SK MINI - Frosted Matt		SK MINI - Sensa 	
100% Rayon		100% Polyester		96% Polyester 4% Ceramic		100% Lyocell	
1000m		1000m		1000m		1000m	
10 colours		10 colours		10 colours		10 colours	
Price	£21.79	Price	£18.23	Price	£22.62	Price	£21.79



<b>Shade cards</b>	CLASSIC	Rayon threads	No.432	£7.99
	POLYNEON	Polyester threads	No.86	
	FROSTED MATT	Light-fast matt threads	No.113	
	FS SUPERTWIST	Metallic threads	No.74	
	CR METALLICS	Metallic threads	No.65	
	BURMILANA	Wool & Cotton mix threads	No.610	
	FIREFIGHTER	Fire retardant threads	No.97	
	SENSA	Lyocell threads	No. 201	



CH10W	CH10B	CH10R	CH10Y
Tailors chalk 	Tailors chalk 	Tailors chalk 	Tailors chalk 
x10 	x10 	x10 	x10 
White 	Blue 	Red 	Yellow 
Price	£4.23	Price	£4.23



# Printing **BRILLIANCE** **STARTS WITH US.**

Discover Persona® and Platinum Direct-to-film (DTF) supplies. Two expertly developed collections of high-performance films, powders, and inks. Each offering unique properties to guarantee efficient production and outstanding results.





# DIRECT-TO-FILM (DTF)

Introducing Persona®, the latest addition to our product range. Specially developed for Direct-to-Film (DTF) printing, Persona. Persona consumables combine reliability with exceptional print quality - perfect for bringing your most creative ideas to life.

## INK

<b>Persona</b> PER-MX-INK	High opacity inks compatible with Epson print heads. EU manufactured. OEKO-TEX® certified.	1 litre ●●●●	£60.00
		○	£65.00
<b>Platinum</b> PER-PL-INK	High opacity inks compatible with Epson print heads. OEKO-TEX® certified.	1 litre	£59.99



<b>Persona</b> PER-MX-FILMA4 (A4)	Warm peel transfer sheets. <i>DISCLAIMER:</i> Always print on the matt side for long-lasting prints.	100 sheets	£40.00
<b>Persona</b> PER-MX-FILMA3 (SR-A3)			OEKO-TEX® certified.
<b>Platinum</b> PER-PL-FILM	Hot peel transfer film roll 60cm x 100m	Single Roll	£119.00

<b>Persona</b> PER-MX-POW1 PER-MX-POW5	White adhesive powder. OEKO-TEX® certified.	○	1KG	£29.50
	White adhesive powder. OEKO-TEX® certified.	○	5KG	£145.00
<b>Platinum</b> PER-PL-POWB PER-PL-POWW	Black adhesive powder	●	1KG	£24.99
	White adhesive powder	○	1KG	£19.99

## BUNDLE SAVINGS

<b>Platinum</b> PER-PL-BUNDLE1	x1 white ink x1 white powder x1 hot peel transfer film roll	£179.08	-10%
<b>Platinum</b> PER-PL-BUNDLE2	Entire range of CMYK inks (5 inks) ●●●●●	£269.96	
<b>Persona</b> PER-MX-BUNDLE3	Entire range of CMYK inks (5 inks) ●●●●●	£274.50	

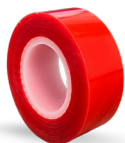




# Cleaning & MAINTENANCE

Extend the life of your DTF printer with our range of cleaning products and accessories. Specially formulated cleaning fluids and precision-engineered swabs are designed to effectively remove ink residue, dust, and debris from delicate printer components.

<b>Cleaning Solution</b> PER-MX-CLEAN	Universal printing solution, essential for daily maintenance.	1 litre	£19.50
<b>Wet Capping Solution</b> PER-MX-CAP	Wet capping solution for stubborn ink and to prevent printheads from drying out.	250ml	£12.50
<b>Moisturiser</b> PER-PL-MOI	Liquid cleansing solution dissolves & removes ink residue.	1kg	£45.00
<b>Cleaning Swabs</b> PER-SWAB	Foam head swab used to clean print heads and capping station.	PK 50	£12.99



<b>Non-stick Teflon sheet</b> PER-TEFLON	Sheet	£19.99	<b>Safety Glasses</b> PER-GLASSES	Single	£13.50
<b>Heat Resistant Tape</b> PER-TAPE	Roll	£2.99	<b>Latex Gloves</b> PER-GLOVES	PK 100	£9.15
<b>Easy Weeder Tool</b> WEED-TOOL	Single	£10.99	<b>Face Masks</b> PER-MASKS	PK 20	£21.00



# Packaging Supplies



PAK-D50A	PAK-4866B	PAK-4866C	PAK-KPT50	PAK-KNIFE	PAK-KB18	PAK-CUT
Tape dispenser gun	Brown tape Pack of 6	Clear tape Pack of 6	Kraft paper tape Pack of 6	Retractable knife with 8 steel blades	Replacement blades	Small Parcel cutter
50mm	48mm x 66mm	48mm x 66mm	48mm x 50m	15.5cm x 4cm	Pack of 10	68mm x 8mm
Price - £10.00	Price - £4.70	Price - £4.70	Price - £9.50	Price - £9.95	Price - £5.50	Price - £9.95

Garment Bags	PAK-200250	20cm x 25cm	100	£3.95
			1000	£29.95
PAK-250300	25cm x 30cm	100	£4.95	
		1000	£35.95	
PAK-300375	30cm x 37.5cm	100	£4.95	
		1000	£38.32	
PAK-360425	36cm x 42.5cm	100	£6.95	
		1000	£49.50	
PAK-450550	45cm x 55cm	100	£10.95	
		1000	£73.95	



Made from 30% recycled plastic

Mailing Bags	PAK-MAIL3550	350mm X 500mm	100	£10.40
			500	£37.15
PAK-MAIL4260	425mm x 600mm	100	£14.40	
		500	£51.43	
PAK-MAIL5575	550mm x 750mm	50	£10.80	
		250	£38.57	





# Embroidery Starter Kit



Classic vs  
Polyneon



## Threads

Choose Rayon or Polyester based on your application and the market sectors of your customers.



## Backings

The fabric you're embroidering will determine whether a cut-away or tear-away is most suitable.



## Needles

40-weight thread requires a size 75/11 needle. Choose ball or sharp point depending on the fabric.

Receive a 10% discount when you buy a Madeira starter kit. The perfect introduction for new embroiderers. Each pack includes a curated selection of high-quality threads, stabilisers and essential tools to help you learn the basics with confidence.

## CLASSIC 40

## POLYNEON<sub>green</sub>

### SK CLASSIC

10 ASSORTED 1000M COPS  
WHITE 5000M CONE  
BLACK 5000M CONE

### SK POLY

10 ASSORTED 1000M COPS  
WHITE 5000M CONE  
BLACK 5000M CONE

- PWB144WS (Box of 144 white, sided bobbins)
- MXK5L 75 (20 x size 75 ballpoint needles)
- TotalTear Pro - BAL40 (40g tear-away backing - 20cm squares, pack of 250)
- SuperCut Pro-soft - 051PS89W (80g cut-away backing - 20cm squares, pack of 250)
- EZEE TAPE (60cm tape measure)
- NEEDLE TRACKER (50 page needle tracker pad)
- SHADECARD
- PRODUCT CATALOGUE

£89.95

£79.95



**Classic (rayon):** Natural, flexible thread with a high-sheen. Suitable for most applications.

**Polyneon Green (recycled polyester):** Choose for strength and longevity. Ideal for everyday wear, bleach resistant.





## Sustainable Credentials

**Which products can be certified and labelled with GOTS?\***  
Only natural fibres can be certified as organic. E.g. cotton and wool.

**Organic is not the only eco-friendly option.**  
Madeira embroidery threads are not officially GOTS certified. They belong to the 'Components and Accessories' category for GOTS certification and while some criteria must be met by this category, they do not need separate GOTS certification, it is optional. GOTS standard testing and certification can be carried out directly on the end product.



GOTS  
Compliance

## Madeira Thread Certification

**OEKO-TEX® STANDARD 100 Product Class I, Annex 6**  
Classic 40, Sensa Green and recycled Polyneon Green all have the additional Annex 6 certification.

OEKO-TEX® STANDARD 100 offers a trustable guarantee that the final textile goods do not contain substances which might be harmful to humans. The optional Annex 6, as well as GOTS, prohibit the use of substances which could be harmful to the environment. Annex 6 adds more criteria and tests the product safety for the environment.



**REACH\***  
The primary objectives of REACH are to ensure a significant level of safeguarding for both human health and the environment against chemical usage. No harmful or toxic substances have been used in the production of Madeira threads.



## Stitch density guide

Because thread types and thickness vary, stitch density must be adjusted during digitising. In some cases, different needle sizes are also recommended. The chart below outlines suitable stitch densities and needle sizes for each thread. Using the right combination helps ensure better embroidery results.

THREAD TYPE	STITCH DENSITY based on 1/10mm	STITCH DENSITY based on 1mm	RECOMMENDED NEEDLE SIZE
CLASSIC 60	3.5	0.35	60/8 - 65/9
CLASSIC 40	4.0	0.40	65/9 - 75/11
CLASSIC 30	5.0	0.50	75/11
CLASSIC 12	8.0	0.80	100/16
SENSA green	3.5 - 3.7	0.35 - 0.37	65/9 - 75/11
POLYNEON 75	2.0	0.20	60/8
POLYNEON 60	3.5	0.35	60/8 - 65/9
POLYNEON 40	4.0	0.40	60/8 - 75/11
POLYNEON FR	4.0	0.40	60/8 - 75/11
POLYNEON green	4.0	0.4	60/8 - 75/11
CR 20	7.0 - 8.0	0.70 - 0.80	90/14, SAN®8 FFG 80/12
CR 40	3.5 - 4.0	0.35 - 0.40	65/9, 70/10, 75/11
FS 50	3.5	0.35	65/9 - 75/11
FS 40	4.0	0.40	65/9 - 75/11
FS 30	5.0	0.50	80/12 - 90/14
FS 20	8.0	08.0	100/16
SUPERTWIST 30	6.0	0.60	80/12 - 90/14
BURMILANA 12 / CO	9.0	0.90	100/16
FROSTED MATT 40	3.0 - 4.0	0.30 - 0.40	60/8 - 70/10
FROSTED MATT 30	5.0 - 6.0	0.50 - 0.60	70/10 - 80/12
LUNA	4.0 - 5.0	0.40 - 0.50	75/11 - 80/12
FIRE FIGHTER	4.0	0.40	75/11 - 80/12
MONOLON	3.5	0.35	65/9

All tips are general guidelines and may vary with different fabrics.

### Guidelines for underthread use:

Standard stitches use approximately 3m of bobbin thread per 1,000 stitches.

### Top thread:

You can expect approximately 5m per 1000 stitches.

### Correct thread tension:

Properly tensioned embroidery shows 1/3 bobbin and 2/3 top thread underneath.

# How-to

## check your thread tensioning



The majority of thread breaks occur when the tensioning is not properly adjusted. Ensuring your thread tensions are correct is crucial for achieving smooth, high-quality embroidery.

- Perfectly tensioned embroidery should have **1/3 bobbin thread** to **2/3 top thread** visible on the reverse. Refer to the diagram below.
- Stitching out satin stitch columns is the best way to see if your tension is correct.



Bobbin too loose  
or  
Top thread too tight  
—  
Bobbin too tight  
or  
Top thread too loose  
—  
← BALANCED →



### Top tip...

- Always start by adjusting the bobbin tension in 45° increments.  
**Remember:** Right to tighten, left to loosen!

Tension test  
DST



## Towa digital thread tension gauge



A tension gauge is a great tool to use as a starting point. Our **050GAUGE** measures both bobbin and top thread tensions. It operates by winding thread around pulleys that measure tension when pulled against the upper thread or the bobbin thread in your machine.

### Bobbin:

Standard embroidery - set between 18 and 22 grams  
Caps - set up to 25 grams

### Top thread:

Rayon - set between 100 and 120 grams  
Polyester - set between 120 and 150 grams



Tutorial video

# 24/7 Online Services



## WEBSHOP:

discover the full product range and benefit from cheaper delivery rates



## WEBSITE:

find all relevant information at a glance



Online shop

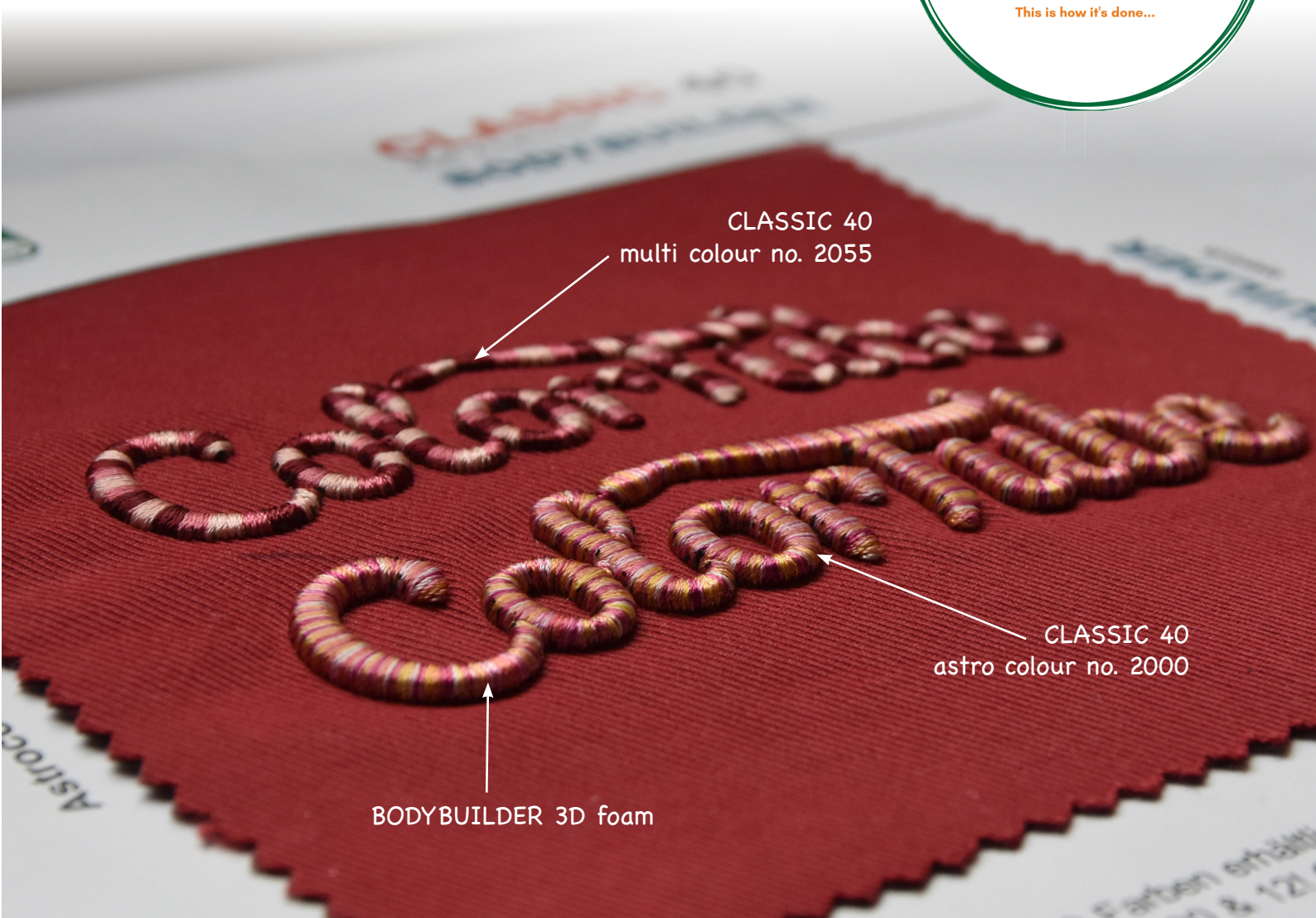
## MADEIRA APP:

download the app to access digital shadecards, Pantone® matching tool and direct shop access

# Technical Support

## Where to find more support to create great embroidery designs

The **How To Hub** is a dedicated area on our website where you will find videos and leaflets containing information to help solve common embroidery problems.



Embroidery improvement checklist

**SOCIAL MEDIA:** follow us to keep up to date with what's going on



**YOUTUBE:** hosts all our tutorial product videos



How To Hub



# The transition

**starts now...**

We are excited to announce that our renowned polyester threads are now being manufactured more sustainably. We're transitioning completely to **certified recycled raw materials** while preserving all their original properties.

Our standard Polyneon range will gradually be replaced exclusively with the rPET version, labelled **Polyneon Green**.

## What does this mean for you?

When your stock of a specific Polyneon colour runs out, you will receive the recycled version, easily recognisable by its green-coloured cones  
**Prices remain the same.**

**100%**  
Virgin  
Polyester

**POLYNEON**



**100%**  
Recycled  
Polyester

**POLYNEON**  
green





## CONTACT

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Premium supplies for the embroidery and textile industry

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