



## AP DYE SUBLIMATION

Dye Sublimation is a process for printing designed themes by injecting colour and imagination into fabric. Chances are you have already got, or seen, sublimated fabrics. Industries such as sports, events and fashion rely heavily on this particular style.

Not creative? That's okay! It's easy to approach trained professionals who will use their expertise to get your unique design out of your head and into fabric. Alternatively, jump online and try design your own dye sublimated apparel at [www.aussiepacific.com.au](http://www.aussiepacific.com.au), then take your design to a professional and we will custom make your garment for a minimum of only

10 pieces. Sounds pretty easy, right?

With Dye Sublimation (referred to as Dye Sub) the graphics are computer generated and transferred by printing to dye sublimated paper using specialised inks which are then transferred through heat and pressure into the fabric to give you a unique piece of clothing with the image or pattern embedded forever.

The image can be all over from seam to seam, will not fade, crack or fall off. These garments are made in our China factory using the latest technology dye sub printers and heat presses.

Dye Sub can only be done successfully on 100% Polyester fabrics which especially suits the Aussie Pacific fabrics.

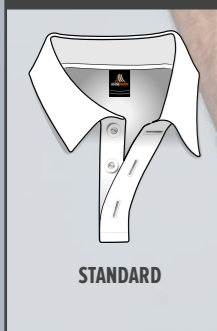


DYE SUB





COLLAR OPTION



**SWOOSH MENS POLO**  
COLLAR: STANDARD  
STYLE: SET IN



**WINNERS MENS POLO**  
COLLAR: STANDARD  
STYLE: SET IN



**AUSSIE MENS POLO**  
COLLAR: STANDARD  
STYLE: SET IN



SWOOSH LONG SLEEVE - STYLE: 2307LONGSLEEVE\*

\* PLEASE ADD "LONGSLEEVE" TO ANY CODE THAT REQUIRES A LONG SLEEVE STYLE.

**MENS POLO**  
SET IN AND RAGLAN

MENS	XS	S	M	L	XL	XXL	3XL	5XL
I/2 CHEST CM	50.5	53	55.5	58	60.5	63	68	73
SHLDR TO HEM*	67	69	71	73	75	77	79	81

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

**KIDS POLO**  
SET IN AND RAGLAN

KIDS	4	6	8	10	12	14	16
I/2 CHEST CM	36	38	40	42	44	46	49
SHLDR TO HEM*	49	52	55	58	61	64	67

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

**LADIES POLO**  
SET IN AND RAGLAN

LADIES	6	8	10	12	14	16	18	20	22	24	26
I/2 CHEST	42.5	45	47.5	50	52.5	55	57.5	60	64.5	69.5	74.5
BODY LENGTH	59	61	63	65	67	69	71	72	73	74	75

variations +/- 1 cm (guide only)



MICRO MESH



INTER LOCK



MINI WAFFLE



BIRDS EYE



COTTON BACK

# T-SHIRT

STANDARD



### COLLAR OPTION



CLASSIC VEE



ROUND



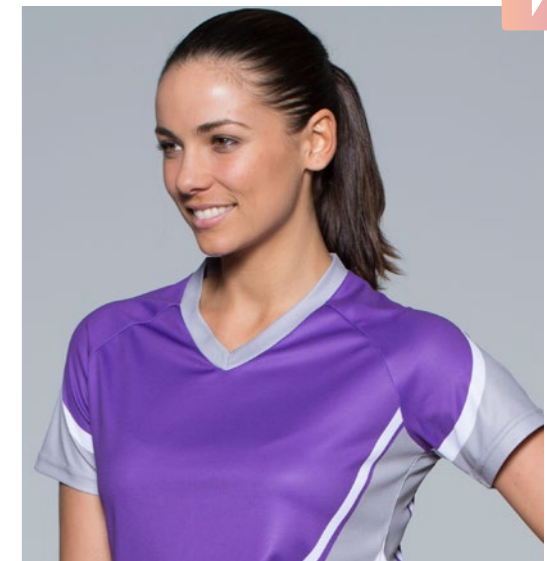
**SWIRLS TEE**  
COLLAR: ROUND  
STYLE: RAGLAN



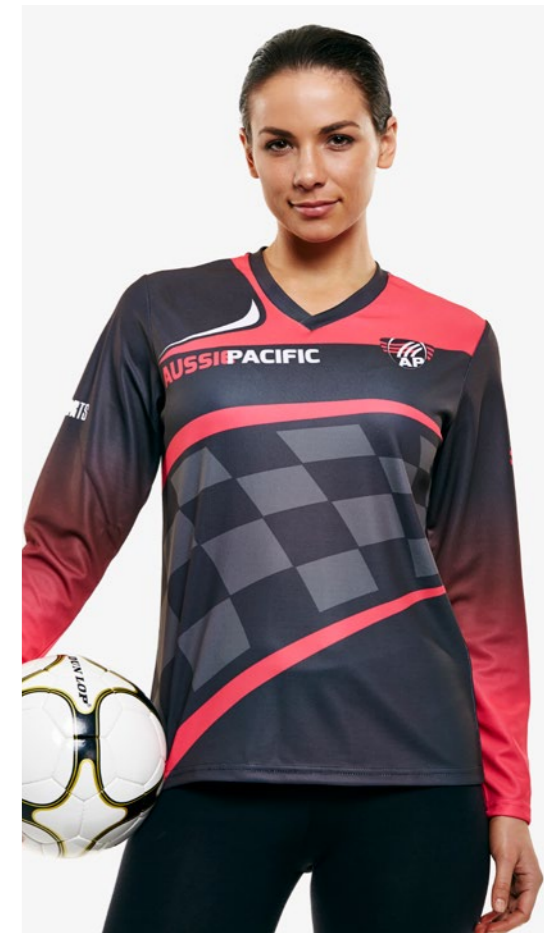
**ARROW TEE**  
COLLAR: ROUND  
STYLE: RAGLAN



**PACIFIC TEE**  
COLLAR: ROUND  
STYLE: SET IN



SWIRL TEE VEE NECK - STYLE: 2204LADIES



MOTO GRID LONG SLEEVE - STYLE: 2207LONGSLEEVE\*

\* PLEASE ADD "LONGSLEEVE" TO ANY CODE THAT REQUIRES A LONG SLEEVE STYLE.

### MENS TEE SET IN AND RAGLAN

MENS	XS	S	M	L	XL	XXL	3XL	5XL
I/2 CHEST CM	50.5	53	55.5	58	60.5	63	68	73
SHLDR TO HEM*	67	69	71	73	75	77	79	81

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### KIDS TEE SET IN AND RAGLAN

KIDS	4	6	8	10	12	14	16
I/2 CHEST CM	36	38	40	42	44	46	49
SHLDR TO HEM*	49	52	55	58	61	64	67

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### LADIES TEE SET IN AND RAGLAN

LADIES	6	8	10	12	14	16	18	20	22	24	26
I/2 CHEST	42.5	45	47.5	50	52.5	55	57.5	60	64.5	69.5	74.5
BODY LENGTH	59	61	63	65	67	69	71	72	73	74	74

variations +/- 1 cm (guide only)



MICRO MESH



INTER LOCK



MINI WAFFLE



BIRDS EYE



COTTON BACK

# SINGLET

## DESIGNS



### NECK OPTION



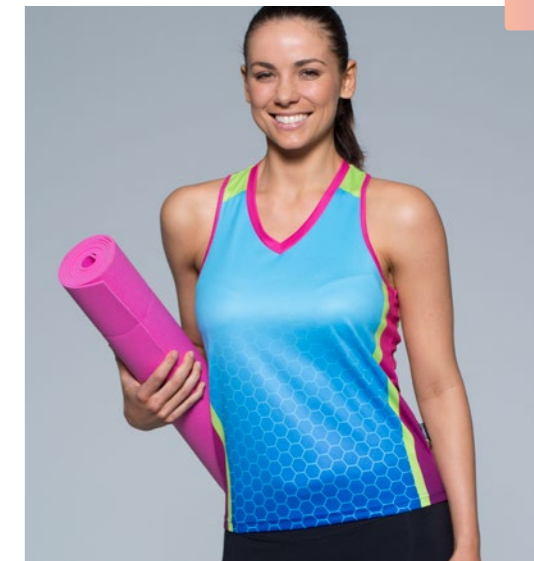
CLASSIC VEE



ROUND



**AURORA MENS SINGLET**  
NECK: ROUND  
STYLE: RACERBACK



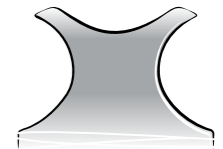
LADIES CLASSIC VEE RACERBACK SINGLET



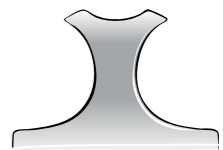
**SWIMMER LADIES SINGLET**  
NECK: CLASSIC VEE  
STYLE: RACERBACK



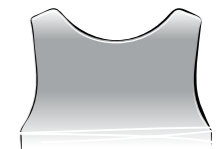
### BACK OPTION



MENS RACERBACK



LADIES RACERBACK



STANDARD BACK



**OLD SCHOOL SINGLET**  
NECK: ROUND  
STYLE: STANDARD BACK



### MENS SINGLET STANDARD

MENS	XS	S	M	L	XL	XXL	3XL	5XL
I/2 CHEST	48.5	51	53.5	56	58.5	61	63.5	68.5
SHLDR TO HEM*	65	67	69	71	73	75	77	79

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### LADIES SINGLET STANDARD

LADIES	6	8	10	12	14	16	18	20	22
I/2 CHEST	41	43.5	46	48.5	51	53.5	56.5	59.5	62
SHLDR TO HEM*	57.5	59.5	61.5	63.5	65.5	67.5	69.5	71.5	73.5

variations +/- 1 cm (guide only)

### MENS SINGLET RACERBACK

MENS	XS	S	M	L	XL	XXL	3XL	5XL
I/2 CHEST	47	49.5	52	54.5	57	59.5	62	67
SHLDR TO HEM*	72	74	76	78	80	82	84	86

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### LADIES SINGLET RACERBACK

LADIES	6	8	10	12	14	16	18	20	22
I/2 CHEST	38.5	41	43.5	46	48.5	51	53.5	56.5	59.5
SHLDR TO HEM* (FRONT)	55.5	57.5	59.5	61.5	63.5	65.5	67.5	69.5	71.5

variations +/- 1 cm (guide only)

### KIDS SINGLET STANDARD

KIDS	4	6	8	10	12	14	16
I/2 CHEST	35	37	39	41	43	45	48
SHLDR TO HEM*	49	52	55	58	61	64	67

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)



MICRO MESH



INTER LOCK



MINI WAFFLE



BIRDS EYE



POLY ELASTANE



### COLLAR OPTION



**CHRISTCHURCH JERSEY**  
COLLAR: NZ  
STYLE: SET IN



**HOOP SHORTS**  
STYLE: RUGBY SHORTS



**TITAN JERSEY**  
COLLAR: PREMIUM  
STYLE: RAGLAN



**TITAN SHORTS**  
STYLE: RUGBY SHORTS



**SPRINT JERSEY**  
COLLAR: RANDWICK  
STYLE: RAGLAN



**TRIO SHORTS**  
STYLE: RUGBY SHORTS

### MENS FITTED JERSEY SET IN AND RAGLAN

MENS	XS	S	M	L	XL	XXL	3XL	4XL	5XL
I/2 CHEST CM	48.5	51	53.5	56	58.5	61	66	68.5	71
HEM CM	39	41.5	44	46.5	49	51.5	56.5	59	61.5
SHLDR TO HEM*	67	69	71	73	75	77	79	80	81

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### MENS RUGBY SHORT

MENS	XS	S	M	L	XL	XXL	3XL
I/2 RELAXED WAIST	30	32	34	36	38	40	42
OUTSIDE LENGTH	32	33	34	35	36	37	38

variations +/- 1 cm (guide only)



INTERLOCK

# RUGBY

## CLASSIC JERSEY & SHORTS



### COLLAR OPTION



PREMIUM



NZ



RANDWICK

### MENS CLASSIC JERSEY SET IN AND RAGLAN

MENS	XS	S	M	L	XL	XXL	3XL
I/2 CHEST	50.5	53	55.5	58	60.5	63	68
HEM CM	50.5	53	55.5	58	60.5	63	68
SHLDR TO HEM*	67	69	71	73	75	77	79

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### KIDS CLASSIC JERSEY SET IN AND RAGLAN

KIDS	4	6	8	10	12	14	16
I/2 CHEST	36	38	40	42	44	46	49
HEM CM	36	38	40	42	44	46	49
SHLDR TO HEM*	49	52	55	58	61	64	67

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)



**COWBOY JERSEY**  
COLLAR : RANDWICK  
STYLE : RAGLAN



**COWBOY SHORTS**  
STYLE : RUGBY SHORTS



**POINTER JERSEY**  
COLLAR: NZ  
STYLE: SET IN



**TITAN SHORTS**  
STYLE: RUGBY SHORTS



**SAINT JERSEY**  
COLLAR : PREMIUM  
STYLE : RAGLAN CLASSIC



**SOLID SHORTS**  
STYLE : RUGBY SHORTS

### MENS RUGBY SHORTS

MENS	XS	S	M	L	XL	XXL	3XL
I/2 RELAXED WAIST	30	32	34	36	38	40	42
OUTSIDE LENGTH	32	33	34	35	36	37	38

variations +/- 1 cm (guide only)

### KIDS RUGBY SHORTS

KIDS	6	8	10	12	14	16
I/2 RELAXED WAIST	22	24	26	28	30	32
OUTSIDE LENGTH	25	26	27	28	29	31

variations +/- 1 cm (guide only)



# AUSSIE RULES

## SLEEVELESS GUERNSEY & SHORTS



DOUBLE VEE SLEEVELESS GUERNSEY



### COLLAR OPTION



2 PIECE VEE



CLASSIC VEE



ROUND



**DOUBLE VEE GUERNSEY**  
COLLAR: 2 PIECE VEE  
STYLE: SLEEVELESS



**TRIO SHORTS**  
STYLE: AUSSIE RULES SHORTS



**BRIZO GUERNSEY**  
COLLAR: CLASSIC VEE  
STYLE: SLEEVELESS



**SIDE STRIPE SHORTS**  
STYLE: AUSSIE RULES SHORTS



**PACIFIC GUERNSEY**  
COLLAR: ROUND  
STYLE: SLEEVELESS



**SOLID SHORTS**  
STYLE: AUSSIE RULES SHORTS

### MENS SLEEVELESS

MENS	XS	S	M	L	XL	XXL	3XL
I/2 CHEST CM	45	47.5	50	52.5	55	57.5	60
SHLDR TO HEM*	65	67	69	71	73	75	77

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### LADIES SLEEVELESS

LADIES	6	8	10	12	14	16	18	20
I/2 CHEST CM	37	39.5	42	44.5	47	49.5	52	55
SHLDR TO HEM*	60.5	62.5	64.5	66.5	68.5	70.5	72.5	74.5

\*HIGH POINT SHOULDER TO HEM FRONT - variations +/- 1 cm (guide only)

### KIDS SLEEVELESS

KIDS	4	6	8	10	12	14	16
I/2 CHEST CM	35	37	39	41	43	45	48
SHLDR TO HEM*	49	52	55	58	61	64	67

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### MENS AUSSIE RULES SHORTS

MENS	XS	S	M	L	XL	XXL	3XL
I/2 RELAXED WAIST	30	32	34	36	38	40	42
OUTSIDE LENGTH	32	33	34	35	36	37	38

variations +/- 1 cm (guide only)

### LADIES AUSSIE RULES SHORTS

LADIES	6	8	10	12	14	16	18	20
I/2 RELAXED WAIST	31	33.5	36	38.5	41	43.5	46	48.5
OUTSIDE LENGTH	26	27	28	29	30	31	32	33

variations +/- 1 cm (guide only)

### KIDS AUSSIE RULES SHORTS

KIDS	6	8	10	12	14	16
I/2 RELAXED WAIST	22	24	26	28	30	32
OUTSIDE LENGTH	25	26	27	28	29	31

variations +/- 1 cm (guide only)

# BASKETBALL

## SINGLET & SHORTS



PIN STRIPE SINGLET & SHORTS



### COLLAR OPTION



**PIN STRIPE SINGLET**  
COLLAR: SQUARE VEE  
STYLE: BASKETBALL SINGLET



**PIN STRIPE SHORTS**  
STYLE: BASKETBALL SHORTS



**CELTIC SINGLET**  
COLLAR: SQUARE VEE  
STYLE: BASKETBALL SINGLET



**CELTIC SHORTS**  
STYLE: BASKETBALL SHORTS



**ALL STAR SINGLET**  
COLLAR: SQUARE VEE  
STYLE: BASKETBALL SINGLET



**ALL STAR SHORTS**  
STYLE: BASKETBALL SHORTS

### MENS SINGLET

MENS	XS	S	M	L	XL	XXL	3XL
I/2 CHEST CM	48.5	51	53.5	56	58.5	61	63.5
SHLDR TO HEM*	73	75	77	79	81	83	85

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### LADIES SINGLET

LADIES	6	8	10	12	14	16	18	20
I/2 CHEST CM	41	43.5	46	48.5	51	53.5	56.5	59.5
SHLDR TO HEM*	65	67	69	71	73	75	77	79

\*HIGH POINT SHOULDER TO HEM FRONT - variations +/- 1 cm (guide only)

### KIDS SINGLET

KIDS	6	8	10	12	14	16
I/2 CHEST CM	37	39	41	43	45	48
SHLDR TO HEM*	52	55	58	61	64	67

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### MENS SHORTS

MENS	XS	S	M	L	XL	XXL	3XL
I/2 RELAXED WAIST	31.5	34	36.5	39	41.5	44	46.5
OUTSIDE LENGTH	52	53	54	55	56	57	58

variations +/- 1 cm (guide only)

### LADIES SHORTS

LADIES	8	10	12	14	16	18	20
I/2 RELAXED WAIST	31.5	34	36.5	39	41.4	44	46.5
OUTSIDE LENGTH	47	48	49	50	51	52	53

variations +/- 1 cm (guide only)

### KIDS SHORTS

KIDS	6	8	10	12	14	16
I/2 RELAXED WAIST	24.5	26.5	28.5	30.5	32.5	34.5
OUTSIDE LENGTH	35	37	39	41	43	45

variations +/- 1 cm (guide only)



# SOCCER

## JERSEY & SHORTS



### COLLAR OPTION



2 PIECE ROUND



CLASSIC VEE



CLASSIC POLO



BURNLEY JERSEY



**BURNLEY JERSEY**  
COLLAR: CLASSIC POLO  
STYLE: RAGLAN



**DOUBLE STRIPE SHORTS**  
STYLE: SOCCER SHORTS



**DIAGONAL JERSEY**  
COLLAR: 2 PIECE ROUND  
STYLE: RAGLAN



**SOLID SHORTS**  
STYLE: SOCCER SHORTS



**SWIFT JERSEY**  
COLLAR: CLASSIC VEE  
STYLE: RAGLAN



**SIDE STRIPE SHORTS**  
STYLE: SOCCER SHORTS

### MENS JERSEY SET IN AND RAGLAN

MENS	XS	S	M	L	XL	XXL	3XL
I/2 CHEST	50.5	53	55.5	58	60.5	63	68
SHLDR TO HEM*	67	69	71	73	75	77	79

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### LADIES JERSEY SET IN AND RAGLAN

LADIES	6	8	10	12	14	16	18
I/2 CHEST CM	42.5	45	47.5	50	52.5	55	57.5
SHLDR TO HEM*	59	61	63	65	67	69	71

\*HIGH POINT SHOULDER TO HEM FRONT - variations +/- 1 cm (guide only)

### KIDS JERSEY SET IN AND RAGLAN

KIDS	4	6	8	10	12	14	16
I/2 CHEST	36	38	40	42	44	46	49
SHLDR TO HEM*	49	52	55	58	61	64	67

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### MENS SHORTS

MENS	XS	S	M	L	XL	XXL	3XL
I/2 RELAXED WAIST	32	34	36	38	40	42	44
OUTSIDE LENGTH	42	43	44	45	46	47	48

variations +/- 1 cm (guide only)

### LADIES SHORTS

LADIES	6	8	10	12	14	16	18	20
I/2 RELAXED WAIST	28	30.5	33	35.5	38	40.5	43	45.5
OUTSIDE LENGTH	40.5	41.5	42.5	43.5	44.5	45.5	46.5	47.5

variations +/- 1 cm (guide only)

### KIDS SHORTS

KIDS	6	8	10	12	14	16
I/2 RELAXED WAIST	24.5	26.5	28.5	30.5	32.5	34.5
OUTSIDE LENGTH	30	32	34	36	38	40

variations +/- 1 cm (guide only)

# BASEBALL

TOP



# NETBALL

DRESSES



YOKE DRESS



A-LINE DRESS



A-LINE DRESS  
+ SIDE PANELS

DYE SUBLIMATION

## MENS BASEBALL TOP

MENS	S	M	L	XL	XXL	3XL	5XL
I/2 CHEST	55	57.5	60	62.5	65	67.5	72.5
SHLDR TO HEM*	74	76	78	80	82	84	87

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

## KIDS BASEBALL TOP

KIDS	4	6	8	10	12	14	16
I/2 CHEST	36	38	40	42	44	46	49
SHLDR TO HEM*	46.5	50.5	53.5	56.5	59.5	62.5	65.5

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)



## LADIES NETBALL DRESS

LADIES	6	8	10	12	14	16	18	20
I/2 CHEST	40	42.5	45	47.7	50	52.5	55	57.5
SHLDR TO HEM*	79	81	83	85	87	89	91	93

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

## GIRLS NETBALL DRESS

KIDS	4	6	8	10	12	14	16
I/2 CHEST	30	32	34	36	38	40	43
SHLDR TO HEM*	67	69	74	76	78	80	82

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)



MICRO MESH POLY ELASTANE

# NETBALL

SINGLET & SKORT



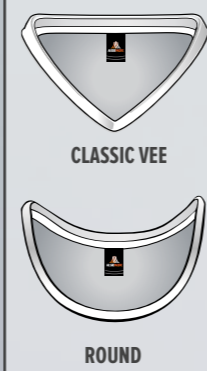
## SQUARES

<b>GD</b>	<b>GA</b>
<b>GK</b>	<b>WA</b>
<b>C</b>	<b>WD</b>
<b>GS</b>	

## SQUARES

CODE  
NETBALL SQUARES SETS    NETBALLSQUARES  
21cm x 23cm approx. - Size changeable by request.

### NECK OPTION



# NETBALL

SINGLET & SKIRT



DYE SUBLIMATION

### LADIES NETBALL SINGLET





LADIES	6	8	10	12	14	16	18	20
I/2 CHEST	39.5	42	44.5	47	49.5	52	54.5	57
SHLDR TO HEM FRONT*	79	81	83	85	87	89	91	93

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### GIRLS NETBALL SINGLET

KIDS	4	6	8	10	12	14	16
I/2 CHEST	30	32	34	36	38	40	42
SHLDR TO HEM FRONT*	51	53	55	57	59	61	63

\*HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

	
<b>INTER LOCK</b>	<b>MINI WAFFLE</b>
	
<b>MICRO MESH</b>	<b>POLY ELASTANE</b>

### LADIES NETBALL BOTTOMS SKIRT AND SKORT



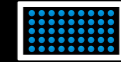

LADIES	6	8	10	12	14	16	18	20	22
WAIST CM	28	30	32	34	36	38	40	42	44
OUTSIDE LEG	29.5	31.5	33.5	35.5	37.5	39.5	41.5	43.5	45.5

variations +/- 1 cm (guide only)

### GIRLS NETBALL BOTTOMS SKIRT AND SKORT

KIDS	6	8	10	12	14	16
WAIST CM	24	26	28	30	32	34
OUTSIDE LEG	25.5	27.5	29.5	31.5	33.5	35.5

variations +/- 1 cm (guide only)

	
<b>INTER LOCK</b>	<b>MINI WAFFLE</b>
	
<b>MICRO MESH</b>	<b>POLY ELASTANE</b>



CHRISTCHURCH JERSEY



3 REAR POCKETS



## PERFORMANCE FABRICS



**MICROMESH**

### MICROMESH

100% polyester 165gsm, micro mesh is the latest addition of AP sports fabrics. The tiny punctures in the fabric promote ventilation, keeping you cool and dry.



**INTERLOCK**

### INTERLOCK 260

100% polyester 260gsm with a thick double knit flat surface fabric providing a high dimension of stability, strength and durability. Perfect for playing jerseys and shorts.



**MINI WAFFLE**

### MINI WAFFLE

100% polyester 130/ 160gsm, the mini waffle fabric forms the backbone of the Aussie Pacific stock range as a proven fabric in the market for its durability and quick drying properties. It is ideal for schools, clubs and corporate use.



**POLY ELASTANE**

### POLY/ELASTANE 240

88% polyester/12% elastane 240gsm with a two-way stretch functional fabric that forms to the body to give you a comfortable and firm fit. This mix is perfect for netball dresses and cycling jerseys.



**INTERLOCK**

### INTERLOCK 150

100% polyester 150gsm makes this tight knit fabric extremely smooth, firm and very absorbent. A great printable surface that is ideal for tops and shorts.

### MENS JERSEY SET IN AND RAGLAN

MENS	S	M	L	XL	XXL	3XL
1/2 CHEST CM	47	49	51	53	55	57
FRONT LENGTH	61	63	65	67	69	71
BACK LENGTH	65.5	67.5	69.5	71.5	73.5	75.5

HIGH POINT SHOULDER TO HEM - variations +/- 1 cm (guide only)

### LADIES JERSEY SET IN AND RAGLAN

LADIES	6	8	10	12	14	16	18	20	22
1/2 CHEST CM	37	39	41	43	45	47	49	51	53
FRONT LENGTH	54	56	58	60	62	64	66	68	70
BACK LENGTH	58.5	60.5	62.5	64.5	66.5	68.5	70.5	72.5	74.5

HIGH POINT SHOULDER TO HEM FRONT - variations +/- 1 cm (guide only)



**INTERLOCK**



**MINI WAFFLE**



**POLY ELASTANE**



## What you need to know before sending artwork.

### 1. Provide a high resolution file

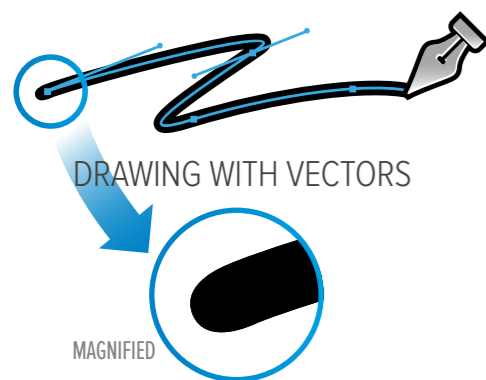
Vector File (line art) is the most common file as it is easy to manipulate and make variations if necessary. For images a Hi Resolution file with a minimum of 300DPI. Explanation for Vector and Raster Files are outlined below

### 2. Create all text to outlines

With numerous text font styles available and to ensure we print the correct style to suit your needs it is best to create text to outlines.

### 3. Choose your colourway

We use PMS (Pantone Matching System) colours as a guide only. For colour matching we strongly suggest purchasing a sample.



DRAWING WITH VECTORS

MAGNIFIED

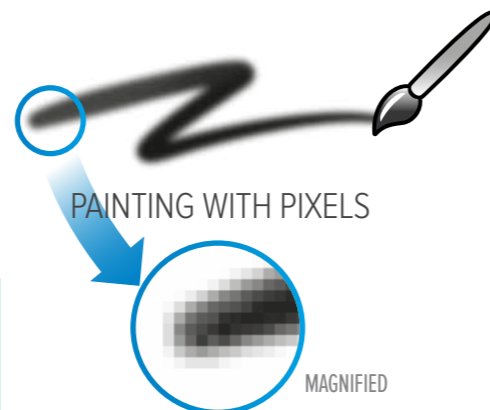
**VECTOR**

TYPICAL FILE FORMATS:  
**.AI, .CDR, .PDF\*, .EPS\***

NOTE: .EPS AND .PDF FILES CAN BE BOTH VECTOR OR BITMAP DEPENDING ON WHERE AND HOW THE IMAGE WAS CREATED.

Vector = fonts/logos and graphics

The most common programs used to design vector graphics are Adobe Illustrator and Corel Draw. Most designers when designing your logos and graphics for printing will use a line vector program especially if fonts and shapes are involved. The great thing with vector files is they can be scaled to any size without losing sharpness.



PAINTING WITH PIXELS

MAGNIFIED

**RASTER**

TYPICAL FILE FORMATS:  
**.JPEG/.JPG, .TIFF, .PSD, .BMP, .PNG, .GIF**

Raster (bitmap) = photographs

A Raster (or Bitmap) image is made up of tiny square dots (pixel) of colour when grouped together form a rastered image. Raster Images are the most common images found on your computer and on the web. The resolution (measurement of pixels) is kept as low as possible for viewing on a computer screen or device.

**ONLY 2 FORMATS TO REMEMBER**

## FONT OPTIONS:



**0123456789**

FONT: IMPACT

**0123456789**

FONT: PRINCTON

**0123456789**

FONT: PREM LEAGUE

Aussie Pacific garment designers have taken into account the many different methods of decorating or monogramming apparel. Here we look at the three main methods of decoration yet there are others such as Digitally Printed transfers and Screen Printed transfers.

## SCREEN-PRINTING

We thought it would be helpful to indicate what happens each time a job is printed.

The first step is artwork. Once the artwork is finalised, it gets sent for processing. You need to confirm the specific print locations you have instructed to print. After the art has been approved, then film is output to make the screens.

The first step in the screen department is to coat the screens with a photosensitive emulsion. Each colour in a design needs a screen and each screen must be blocked, taped, setup, and squeegeed.

Just imagine if we had to do this each time a t-shirt was ordered. You can see why screen printing was designed to print quality in bulk. For larger runs with more colours, an automatic machine with 10-18 heads is more practical. By "flashing" or drying the ink between each colour layer, a bright, professional quality print, with years of wear and tear is achievable.

## MACHINE EMBROIDERY

A term that describes a specially designed, computerised, embroidery or sewing-embroidery machine to automatically create a design from a pre-made pattern that is input into the machine.

Design Files or 'Masters' are typically downloaded to a computer and then transferred to an embroidery machine which can then be used to stitch out the embroidery designs.

## SUBLIMATION

The basic dye sublimation process uses special heat-sensitive dyes to print graphics and text onto special transfer paper. The paper is then placed on a 100% polyester item and both are placed into a heat press. When the heating cycle is completed, the image on the paper has been transferred to the item and has actually reformed into or underneath the coated surface. Sublimation is always done on a polyester, polymer, or polymer-coated item. At high temperatures, the solid dye converts into a gas without ever becoming a liquid. The same high temperature opens the pores of the polymer and allows the gas to enter. When the temperature drops, the pores close and the gas reverts to a solid state. It has now become a part of the polymer. This is why dye sublimation can't be done on natural materials, such as 100% cotton. Natural fibres and non-coated materials have no "pores" to open.

A dye impregnates colour into (not on to) a material and this colour change is permanent. Sublimation refers to changes from the solid, to the gaseous state without becoming liquid. A polymer consists of large molecules made up of a linked series of repeated simple molecules. Dye sublimation refers to solid dye particles that are changed into gas using heat and pressure, which then bond with any polymers present and change back into a solid. This means the composition of the polymer has changed, and no fading, cracking or peeling should occur because the colour is now part of the fabric.

The fluid stored in the inkjet cartridge is the carrier of the dye. The carrier stays on the paper and only the dye migrates from the paper to the substrate. The dye has little or no colour until heated, so what you see on the paper usually looks nothing like the final transferred image. Dark materials cannot be used with the sublimation process on made up garments.

It is important to remember that this is not ink sitting on top of the fabric, but rather dye that penetrates the fibre of the fabric. The dye particles are designed to bond with polyester, and ignore everything else.

# SUN SMART

## 2021.22

OUR CLOTHING IS DESIGNED FOR SUN PROTECTION AND PRODUCED FROM FABRICS RATED FOR THEIR LEVEL OF ULTRAVIOLET (UV) PROTECTION

## AUSTRALIAN NEW ZEALAND STANDARD

Here is the Australian/New Zealand Standard for Sun Protective Clothing and Swimwear, which is now considered the industry standard in rating such sun protective clothing UPF Ratings and Protection Categories:

UPF Rating	Protection Category	% UV radiation Blocked
UPF 15 - 24	Good	93.3 - 95.9
UPF 25 - 39	Very Good	96.0 - 97.4
UPF 40 - 50	Excellent	97.5 or more
UPF50+	Ultimate	



### AUSSIE PACIFIC MINI WAFFLE

	Mean UPF	Mean UVA	Mean UVB	UPF Rating	UVR Protection Category	Report Number
Apple	61.3	3.8	1.3	50+	Ultimate Protection	CS1106431
Ashe	60.0	3.1	1.4	50+	Ultimate Protection	CS1111229
Black	48.2	1.9	2.1	40	Excellent Protection	CS1111229
Bottle	49.1	2.7	1.9	35	Very Good Protection	CS1111229
Burgundy	72.6	2.0	1.2	50+	Ultimate Protection	CS1111229
Charcoal	57.8	2.6	1.6	45	Excellent Protection	CS1111229
Chocolate	49.0	3.3	1.9	40	Excellent Protection	CS1111229
Gold	41.8	4.3	2.1	35	Very Good Protection	CS1111229
Hot Pink	58.6	3.5	1.5	45	Excellent Protection	CS1111229
Maroon	47.2	2.5	2.0	40	Excellent Protection	CS1106431
Navy	62.2	1.4	1.5	50	Excellent Protection	CS1106431
Orange	66.4	3.1	1.3	50+	Ultimate Protection	CS1111229
Purple	61.7	2.2	1.5	50+	Ultimate Protection	CS1111229
Red	86.5	2.1	1.0	50+	Ultimate Protection	CS1106431
Royal	102.5	2.4	0.9	50+	Ultimate Protection	CS1106431
Sky	48.2	6.0	1.6	40	Excellent Protection	CS1111229
Teal	56.2	3.7	1.5	50	Excellent Protection	CS1111229
White	47.5	3.9	1.9	40	Excellent Protection	CS1106431
Hi Viz Orange	47.5	3.9	1.9	40	Excellent Protection	CS1106431
Hi Viz Yellow	51.5	3.9	1.7	45	Excellent Protection	CS1203153

Results may vary slightly between each testing due to fabric variations. The figures above are true to the report number and are for a guide only.

### AUSSIE PACIFIC BIRDS EYE

	Mean UPF	Mean UVA	Mean UVB	UPF Rating	UVR Protection Category	Report Number
Royal	51.8	3.0	1.7	45	Excellent Protection	CS12111093
Purple	58.8	3.1	1.5	45	Excellent Protection	CS12111093
Hot Pink	63.1	3.7	1.3	50+	Ultimate Protection	CS12111093
Bottle	83.7	1.5	1.1	50+	Ultimate Protection	CS12111093
Pacific Blue	83.0	2.8	1.1	50+	Ultimate Protection	CS12111093
White	82.9	1.8	1.0	50+	Ultimate Protection	CS12111093
Orange	62.6	2.2	1.4	50	Excellent Protection	CS12111093
Canary Yellow	48.0	3.7	1.8	40	Excellent Protection	CS12111093
Teal	71.8	3.3	1.2	50+	Ultimate Protection	CS12111093
Black	62.2	2.1	1.5	50+	Ultimate Protection	CS12111093
Red	71.5	2.4	1.3	50+	Ultimate Protection	CS12111093
Navy	67.8	1.8	1.4	50+	Ultimate Protection	CS12111093
Apple Green	74.4	2.9	1.1	50+	Ultimate Protection	CS12111093
Slate	38.9	3.2	2.4	30	Very Good Protection	CS12111093
Silver	77.8	4.0	1.0	50+	Ultimate Protection	CS12111093

Results may vary slightly between each testing due to fabric variations. The figures above are true to the report number and are for a guide only.

### AUSSIE PACIFIC COTTON BACK

	Mean UPF	Mean UVA	Mean UVB	UPF Rating	UVR Protection Category	Report Number
Gold	79.5	1.9	1.1	50+	Ultimate Protection	CS1112089
Black	54.2	2.4	1.8	40	Excellent Protection	CS1112089
Navy	110.5	0.7	0.9	50+	Ultimate Protection	CS1112089
Purple	82.8	2.6	1	50+	Ultimate Protection	CS1203154
Pacific Blue	88.4	2	1.0	50+	Ultimate Protection	CS1112089
Red	64.9	3.1	1.5	50	Excellent Protection	CS1112089
Elec. Royal	82.6	2.1	1.1	50+	Ultimate Protection	CS1211094
Elec. Purple	124.1	1.3	0.8	50+	Ultimate Protection	CS1211094
Elec. Orange	77.7	2.5	1.2	50+	Ultimate Protection	CS1211094
Kawa green	99.4	1.9	0.9	50+	Ultimate Protection	CS1211094
Maroon	82.4	1.2	1.2	50+	Ultimate Protection	CS1211094
Ashe	97.5	2	0.9	45	Excellent Protection	CS1211094
Slate	65	2.7	1.4	45	Excellent Protection	CS1211094
Royal	112.3	0.8	0.9	50+	Ultimate Protection	CS1112089
Sage	79.2	1.9	1.0	50+	Ultimate Protection	CS1112089
Teal	98.2	2.3	0.9	50+	Ultimate Protection	CS1203154
White	38.2	5.3	2.2	30	Very Good Protection	CS1111228

Results may vary slightly between each testing due to fabric variations. The figures above are true to the report number and are for a guide only.

### AUSSIE PACIFIC MICROKNIT

	Mean UPF	Mean UVA	Mean UVB	UPF Rating	UVR Protection Category	Report Number
Black	>300	0.9	0.1	50+	Ultimate Protection	CS1506809
Navy	192.8	0.8	0.4	50+	Ultimate Protection	CS1506809
Slate	273.5	0.5	0.3	50+	Ultimate Protection	CS1506809
Cyan	>300	0.6	0.2	50+	Ultimate Protection	CS1506809
Neon Green	148.5	2.6	0.5	50+	Ultimate Protection	CS1506809
Neon Orange	168.5	6.2	0.3	50+	Ultimate Protection	CS1506809
Neon Pink	253	3.9	0.3	50+	Ultimate Protection	CS1506809
Neon Yellow	>300	1.2	0.1	50+	Ultimate Protection	CS1506809

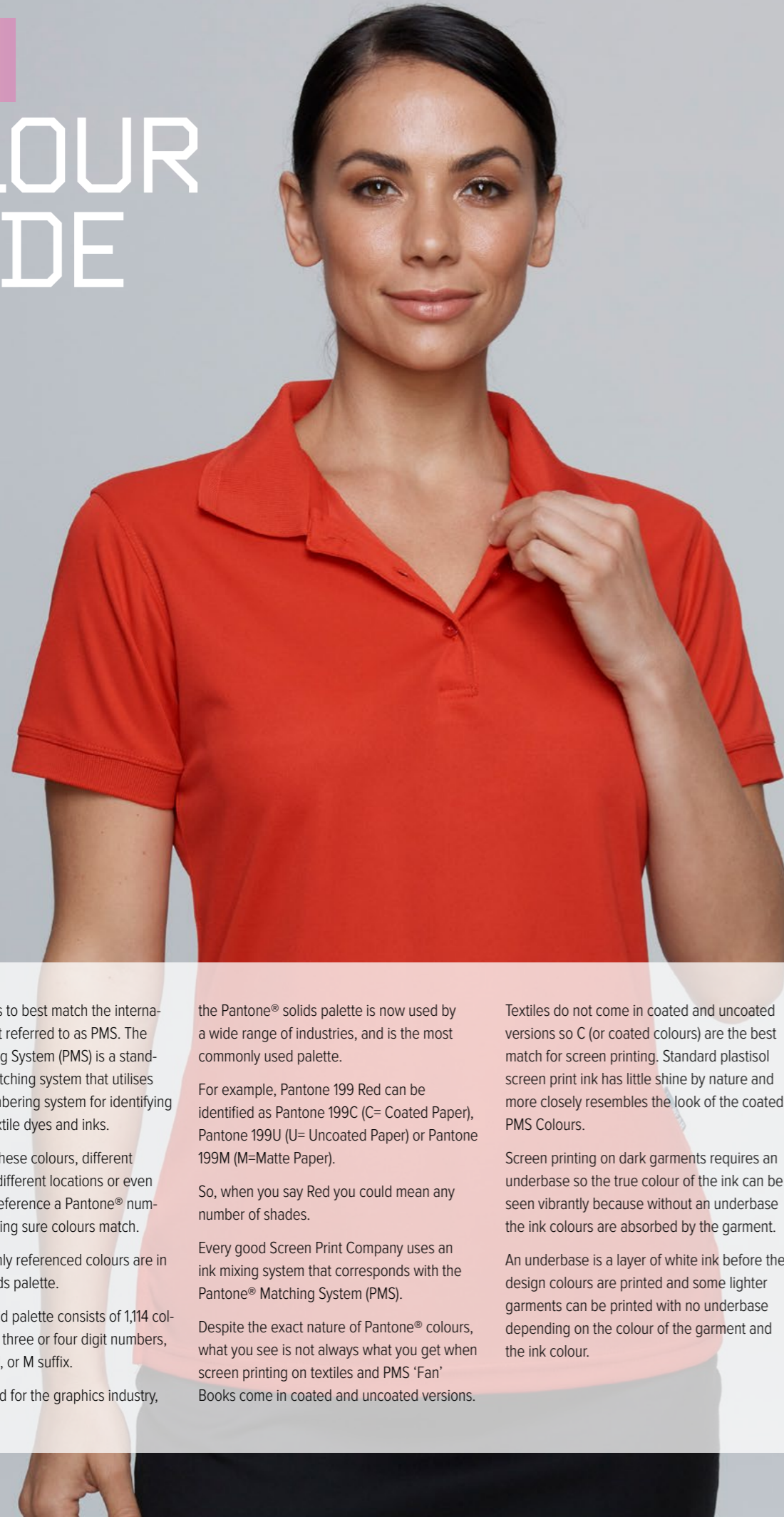
Results may vary slightly between each testing due to fabric variations. The figures above are true to the report number and are for a guide only.

# PMS

# COLOUR

# GUIDE

2021.22



We dye our fabrics to best match the international colour pallet referred to as PMS. The Pantone® Matching System (PMS) is a standardised colour matching system that utilises the Pantone® numbering system for identifying colours in both textile dyes and inks.

By standardising these colours, different manufacturers in different locations or even countries can all reference a Pantone® numbered colour, making sure colours match.

The most commonly referenced colours are in the Pantone® solids palette.

The Pantone® Solid palette consists of 1,114 colours, identified by three or four digit numbers, followed by a C, U, or M suffix.

Originally designed for the graphics industry,

the Pantone® solids palette is now used by a wide range of industries, and is the most commonly used palette.

For example, Pantone 199 Red can be identified as Pantone 199C (C= Coated Paper), Pantone 199U (U= Uncoated Paper) or Pantone 199M (M=Matte Paper).

So, when you say Red you could mean any number of shades.

Every good Screen Print Company uses an ink mixing system that corresponds with the Pantone® Matching System (PMS).

Despite the exact nature of Pantone® colours, what you see is not always what you get when screen printing on textiles and PMS 'Fan'

Books come in coated and uncoated versions.

Textiles do not come in coated and uncoated versions so C (or coated colours) are the best match for screen printing. Standard plastisol screen print ink has little shine by nature and more closely resembles the look of the coated PMS Colours.

Screen printing on dark garments requires an underbase so the true colour of the ink can be seen vibrantly because without an underbase the ink colours are absorbed by the garment.

An underbase is a layer of white ink before the design colours are printed and some lighter garments can be printed with no underbase depending on the colour of the garment and the ink colour.

BLACK	PMS 425C	PMS 425C	PMS 424C	PMS COOL GREY 6C
BLACK	SLATE	CHARCOAL	ASHE	SILVER
PMS 296C	PMS 2945C	PMS 662C	PMS 639C	PMS 278C
NAVY	ELECTRIC ROYAL	ROYAL	PACIFIC BLUE	SKY
PMS 269C	PMS 269C	PMS 518C	PMS 7428C	PMS 476C
PURPLE	ELECTRIC PURPLE	BURGUNDY	MAROON	CHOCOLATE
PMS 187C	PMS 215C	PMS 173C	PMS 172C	PMS 171C
RED	HOT PINK	ORANGE (COTTON BACK)	ORANGE	FLOURO ORANGE
ORANGE	PMS 1505C	PMS 130C	PMS 116C	YELLOW
HI VIZ ORANGE	ELECTRIC ORANGE	GOLD	CANARY YELLOW	HI VIZ YELLOW
PMS 7474C	PMS 363C	PMS 360C	PMS 375C	PMS 560C
TEAL	KAWA GREEN	APPLE GREEN	FLURO GREEN	BOTTLE

## NEON RANGE

PMS 1787C	PMS 1645C	PMS 375C	PMS 389C
NEON PINK	NEON ORANGE	NEON GREEN	NEON YELLOW
PMS 214C	PMS CYAN C	PMS 3405C	PMS 675C
FUSHCIA	CYAN	KELLY GREEN	PINK

## WINTER COLOURS

BLACK	PMS COOL GREY 10C	PMS COOL GREY 5C	PMS 296C	PMS 7428C
BLACK	CHARCOAL MARLE	GREY MARLE	NAVY FLEECE	MAROON
PMS 2945C	PMS 286C	PMS CYAN C	PMS 425C	PMS 269C
ELECTRIC ROYAL	ROYAL	CYAN	SLATE	ELECTRIC PURPLE
PMS 200C	PMS 173C	PMS 1505C	PMS 363C	PMS 368C
RED	ORANGE	ELECTRIC ORANGE	KAWA GREEN	GREEN

DISCLAIMER: PMS Colours are a guide only and while we make every effort to ensure consistency of our colours, catalogue reproduction is not always 100%. To be certain, ask your distributor to source a sample for you. Dye lots can vary slightly from batch to batch (very rare however) despite our best quality control.