



BAINBRIDGE
SINCE 1917

BA1 SAILMAKING

CLOTH • HARDWARE • ACCESSORIES



Leading Brands Leading Availability Leading Service

- ◆ Over 8,000+ products for same day despatch
- ◆ Dedicated E-Commerce site
- ◆ 24/7 real time stock levels, online pricing, quick and simple ordering
- ◆ Cut Length Rolls – from our extensive cloth and cover inventory
- ◆ Roll Slitting Service – for full rolls hot or cold slit to your exact widths
- ◆ Extensive knowledge of textiles, associated accessories and hardware
- ◆ Local to Global distribution network and service



Marketing support

Bainbridge International has always recognised that as a trade supplier our success is dependent on the success of our customers. With this in mind, Bainbridge continues to update and evolve the marketing support it offers. This ranges from a comprehensive leaflet and sample system to websites dedicated to both the trade and helping the end user understand that specifying Bainbridge products is an investment in performance and value.



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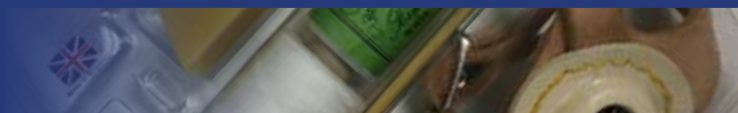
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Sailcloth

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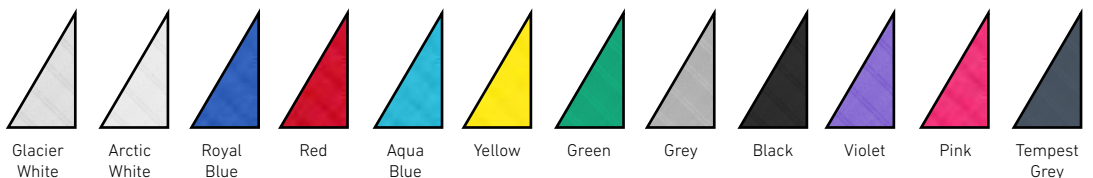
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MPEX

SPINNAKER FABRICS

Delivering a Spinnaker fabric with consistent performance throughout the fabric weight range coupled with excellent tear strength and durability.

- ◆ Cruising Spinnaker fabric developed to offer the optimum balance between durability, value and range
- ◆ Specially designed for cruise and club race application
- ◆ High strength 6.6 nylon yarn used throughout - creating a very strong cloth which performs even at high wind loads
- ◆ High density and low porosity weave construction for high -tear strengths, reducing damage risk from rig contact
- ◆ Ideal weave and finish for snuffers and furling units - upper weights are stronger than equivalent polyester - ideal for handling local strain caused by furlers
- ◆ Finish and elongation figures are complimentary across the whole range, allowing for composite weights to be used, especially useful for furling sails



	Glacier White	Arctic White	Royal Blue	Red	Aqua Blue	Yellow	Green	Grey	Black	Violet	Pink	Tempest Grey
MPEX70N	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MPEX90N	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MPEX250N	✓	-	-	-	-	-	-	-	-	-	-	-
MPEX300N	✓	-	-	-	-	-	-	-	-	-	-	-
MPEX350N	✓	-	-	-	-	-	-	-	-	-	-	-

AWS (Apparent Wind Speed, knots) Custom colours to matched references available to special order - please contact us for more details.

Series	Application	Construction Warp x Fill	Ripstop mm	Width mm	Weight (gsm)	AWS
MPEX 70N	Robust 3/4oz with medium finish	40 x 40	6.5 x 6.5	1520	48	12
MPEX 90N	High strength durable cloth ideal for the offshore cruiser	70 x 70	7 x 7	1520	70	16
MPEX 250N	Strong and robust performance cloth ideal for snuffers and reaching when AWS is higher - Code Zero	140 x 140	7 x 7	1520	110	18
MPEX 300N	Ideal for snuffers and reaching when AWS is higher for application on yachts 50 - 75ft	210 x 210	7 x 7	1520	130	20
MPEX 350N	High performance super duty cloth for bigger yachts and storm spinnaker applications	210 x 210	7 x 7	1520	150	22

Please note: Colour representations for Sailcloth, Cover Material and other dye coloured items shown are the closest approximate match permissible by print process. Customers should be aware that the colour of fabrics will alter in appearance to the eye by the light and environment, e.g. bright blue environments will change yellow to greener shades.

MPEX

SPINNAKER FABRICS

MPEX70N generic 0.75oz multi-purpose nylon spinnaker fabric, designed specifically for cruise and club race applications. Manufactured using the same technology as AIRX, but with greater emphasis on durability and value.

- ◆ Woven from high tenacity nylon
- ◆ Impregnated and coated for low air porosity and durability
- ◆ Balanced construction
- ◆ Ideal weave and finish for snuffers and furling units, ideal for handling local strain caused by furlers
- ◆ **Weight: 48gsm / 1.12smoz**
- ◆ Width: 1520mm / 60in
- ◆ Specially designed for cruise and club race application

MPEX90N generic 1.5oz multi-purpose nylon spinnaker fabric, designed specifically for cruise and club race applications. Manufactured using the same technology as AIRX, but with greater emphasis on durability and value.

- ◆ Woven from high tenacity nylon
- ◆ Impregnated and coated for low air porosity and durability
- ◆ Balanced construction
- ◆ **Weight: 68gsm / 1.59smoz**
- ◆ Width: 1520mm / 60in
- ◆ Specially designed for cruise and club race application



Boat Length		Sail Type	Cruising Gennaker	Light-Medium All-Purpose	Medium-Heavy All-Purpose
Feet	Metre				
25 - 35	7.5 - 10.5	Cruise	70	70	70
		Club Race	70	70	70
35 - 45	10.5 - 13.5	Cruise	70	70	70
		Club Race	70	70	70
45 - 55	13.5 - 16.5	Cruise	90	70	90
		Club Race	90	70	70
55 - 65	16.5 - 19.5	Cruise	90	90	90
		Club Race	90	90	90
65 - 75	19.5 - 22.5	Cruise	250	90	90
		Club Race	250	90	250
75 - 85	22.5 - 25.5	Cruise	300	250	300
		Club Race	300	250	300
85 - 95	25.5 +	Cruise	350	350	350
		Club Race	350	350	350

Please note: This application table should be used as a guide only.

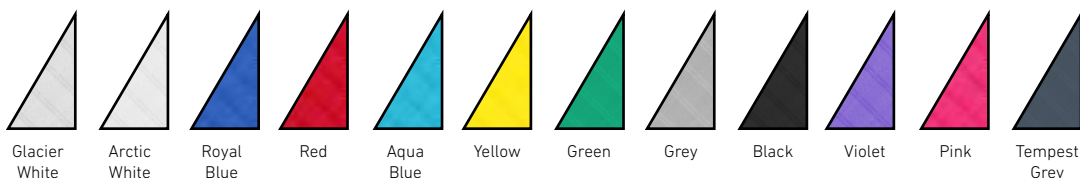
REVX

SPINNAKER FABRICS

NEW

A revolution in spinnaker cloth - ideal for racing and performance cruising, combining performance with durability.

- ◆ Features exceptional burst and tear strength, allowing lighter sails to be used in higher wind ranges
- ◆ Low porosity finish
- ◆ Incredible tear strength
- ◆ Excellent warp, fill and bias performance
- ◆ Superb water repellence
- ◆ A soft handle for ease of trim in waves



	Glacier White	Arctic White	Royal Blue	Red	Aqua Blue	Yellow	Green	Grey	Black	Violet	Pink	Tempest Grey
REVX45	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
REVX75	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
REVX105	✓	-	-	-	-	-	-	-	-	-	-	-
REVX125	✓	-	-	-	-	-	-	-	-	-	-	-
REVX155	✓	-	-	-	-	-	-	-	-	-	-	-

Series	Application	Construction Warp x Fill	Sailmaker Weight (smoz)	Weight (gsm)	Width
REVX 45	All purpose 3/4oz, Race, Club race and Performance Cruising	40 x 40	0.75	50	1520
REVX 75	Low Stretch, High Strength 1.5oz Race, Club race and Performance Cruising	70 x 70	1.5	75	1520
REVX 105	Offshore, Performance Cruising, Club Race, A4/S4, Cruising Code 0	140 x 140	2.5	108	1520
REVX 125	Offshore, Performance Cruising, Club Race, A4/S4, Multihull Code 0 / Screecher	210 x 210	3.0	127	1520
REVX 155	Offshore, Performance Cruising, Large yacht, Superyacht Furling, Code 0's, Multihull Screecher and Storm Spinnaker	210 x 210	3.5	155	1520

Please note: Colour representations for Sailcloth, Cover Material and other dye coloured items shown are the closest approximate match permissible by print process. Customers should be aware that the colour of fabrics will alter in appearance to the eye by the light and environment, e.g. bright blue environments will change yellow to greener shades.



Asymmetric Spinnaker - Application Guide

Boat Length		Sail Type	A1	A2	A3	A4	A5
Feet	Metre		Reacher	Runner	Reacher	Runner	Reacher
25 - 35	7.5 - 10.5	Cruise	45	45	70	70	70
		Club Race	45	45	70-45	70	70
		Race	45	45	45	70	70
35 - 45	10.5 - 13.5	Cruise	45	70	70	70	70
		Club Race	45	45	70-45	70	70
		Race	45	45	70	70	105-70
45 - 55	13.5 - 16.5	Cruise	70	70	105	105-70	105
		Club Race	70-45	70-45	70	70	105-70
		Race	45	45	70	70	105-70
55 - 65	16.5 - 19.5	Cruise	105-70	70	105	105	105
		Club Race	105-70	70	105	105	105
		Race	70	70	105-70	105	105
65 - 75	19.5 - 22.5	Cruise	105	70	125-105	125-105	125-105
		Club Race	105	70	125-105	105	125-105
		Race	70	70	105-70	105	125-105
75 - 85	22.5 - 25.5	Cruise	125	105	125	125	125
		Club Race	125	105-70	125	125-105	125
		Race	105	105-70	125	125-105	125
85 - 95	25.5 +	Cruise	125	125	155	125	155
		Club Race	125	105	155-125	125	155
		Race	125-105	105	125-105	125	155

Please note: This application table should be used as a guide only.

Symmetric Spinnaker - Application Guide

Boat Length		Sail Type	S1	S2	S3	S4	S5
Feet	Metre		Reacher	Runner	Reacher	Runner	Reacher
25 - 35	7.5 - 10.5	Cruise	45	45	70-45	70	70
		Club Race	45	45	70-45	70	70
		Race	45	45	45	70	70
35 - 45	10.5 - 13.5	Cruise	45	70	70	70	70
		Club Race	45	45	70 - 45	70	70
		Race	45	45	70 - 45	70	70
45 - 55	13.5 - 16.5	Cruise	70	70	105	105 - 70	105
		Club Race	70 - 45	70 - 45	70	70	105 - 70
		Race	45	45	70	70	105 - 70
55 - 65	16.5 - 19.5	Cruise	105	105	125 - 105	105	155 - 125
		Club Race	105/70	105-70	125 - 105	105	125
		Race	70	70	105 - 70	105-70	105
65 - 75	19.5 - 22.5	Cruise	105	105	155 - 125	125	155
		Club Race	105	125-105	155 - 125	125	155
		Race	105 - 70	105	125 - 105	125	155 - 125
75 - 85	22.5 - 25.5	Cruise	125	105	125	125	125
		Club Race	125	105 - 70	125	125-105	125
		Race	105	105 - 70	125	125-105	125
85 - 95	25.5 +	Cruise	125	125	155	125	155
		Club Race	125	105	155 - 125	125	155
		Race	125 - 105	105	125 - 105	125	155

Please note: This application table should be used as a guide only.

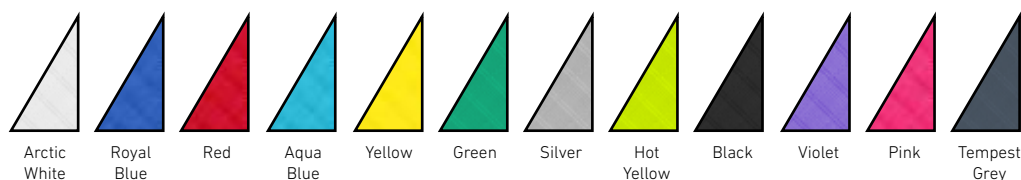


AIRX

SPINNAKER FABRICS

New expanded colour and weight range coupled with race proven performance - AIRX the winners choice.

- ◆ High Tenacity 6.6 yarns in a high density construction delivering light sails in higher wind ranges
- ◆ Double ripstop weave delivers exceptional burst and tear strength and reduces damage from rig contact and handling
- ◆ Fabric bias specifically engineered by weight to match optimum sail design
- ◆ High water repellency provides best physical performance and minimum sailing weight
- ◆ High density weave constructions deliver extremely low porosity which generates maximum power
- ◆ Elongation results make AIRX ideal for modern asymmetric sails using step-down construction
- ◆ AIRX excels in dealing with higher loads created by these designs
- ◆ Finish and elongation figures are complimentary across the whole range, ideal for strong lightweight composite race applications



	Arctic White	Royal Blue	Red	Aqua Blue	Yellow	Green	Silver	Hot Yellow	Black	Violet	Pink	Tempest Grey
AIRX400N	✓	-	-	-	-	-	-	-	-	-	-	-
AIRX500N	✓	✓	✓	-	-	-	-	-	-	-	-	-
AIRX600N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AIRX620NS	✓	✓	✓	-	-	-	-	-	-	-	-	-
AIRX650N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AIRX700N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AIRX800N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AIRX900N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

AWS (Apparent Wind Speed, knots) Custom colours to matched references available to special order - please contact us for more details.

Series	Finish	Application	Construction Warp x Fill	Width	Weight (gsm)	AWS
AIRX 400N	VMG / Medium	Lightweight Grand Prix VMG	20 x 20	1520	26	7
AIRX 500N	Firm	Ideal for most 1/2oz Applications and one of the lightest 0.5oz nylon materials available	30 x 20	1520	30	8
AIRX 600N	Firm	Versatile for a wide range of Wind Strengths	30 x 30	1520	37	10
AIRX 620NS	Silicone / Firm	Silicone coated for Hi-Performance Dinghies and sportsboats	30 x 30	1520	37	10
AIRX 650N	Firm	Satisfies the 40gsm minimum class weight rule - a winning fabric	30 x 30	1520	40	10
AIRX 700N	Firm	High strength 3/4oz with a very stable and durable weave - for Grand Prix racers looking for ultimate performance	30 x 30	1520	45	12
AIRX 800N	Firm	Increases the scope of range above AIRX 700N, a first choice fabric for reaching Asymmetrics	45 x 45	1520	53	14
AIRX 900N	Firm	Extreme strength and durability for ultimate offshore performance	70 x 70	1520	67	16

Please note: Colour representations for Sailcloth, Cover Material and other dye coloured items shown are the closest approximate match permissible by print process. Customers should be aware that the colour of fabrics will alter in appearance to the eye by the light and environment, e.g. bright blue environments will change yellow to greener shades.



AIRX400N - AIRX500N - AIRX600N - AIRX620NS - AIRX650N - AIRX700N - AIRX800N - AIRX900N

Grand Prix Spinnaker Fabrics combine unprecedented strength, performance and quality.

- ◆ Features exceptional burst and tear strength, allowing lighter sails to be used in higher wind ranges
- ◆ Unparalleled strength and efficiency
- ◆ Zero Porosity finish
- ◆ Incredible Tear Strength
- ◆ Class leading warp, fill & bias performance
- ◆ Excellent durability
- ◆ Superb water repellency

Asymmetric Spinnaker - Application Guide

Boat Length		Sail Type	A1 Reacher	A2 Runner	A3 Reacher	A4 Runner	A5 Reacher
Feet	Metre						
25 - 35	7.5 - 10.5	Club Race	500	500	650	700	800
		Race	500	500	650	700	700
35 - 45	10.5 - 13.5	Club Race	600	500 650 700	700 800	700	800
		Race	600	650	700	700	800
45 - 55	13.5 - 16.5	Club Race	700	500 650 700	800	700	800
		Race	700	500 650 700	800	700	800
55 - 65	16.5 - 19.5	Club Race	700	700	900 / 800	800	900
		Race	700	700	900 / 800	800	900
65 - 75	19.5 - 22.5	Club Race	800	800	900	800	900
		Race	700 800	800	900 / 800	800	900

Please note: This application table should be used as a guide only.

Symmetric Spinnaker - Application Guide

Boat Length		Sail Type	S1 Reacher	S2 Runner	S3 Reacher	S4 Runner	S5 Reacher
Feet	Metre						
25 - 35	7.5 - 10.5	Club Race	500	500	650	700	800
		Race	400 500	400 500	650	650	700
35 - 45	10.5 - 13.5	Club Race	600	500 600 650	800 / 700	700	800
		Race	500	500 600	800 / 700	700	800
45 - 55	13.5 - 16.5	Club Race	700	500 650 700	800	700	800
		Race	700	500 650 700	800	700	800
55 - 65	16.5 - 19.5	Club Race	700	700	900 / 800	800	900
		Race	700	650 700	900 / 800	800	900
65 - 75	19.5 - 22.5	Club Race	800	800	800	800	900
		Race	700 800	800	900 / 800	800	900

Please note: This application table should be used as a guide only.



SPX utilises the latest weaving and finish techniques - delivering consistent quality from start to finish. The unique construction design, coupled with exacting production control and yarn selection enables the cloth to be finished with the optimum level of finish - this means that SPX is suitable for a range of sail applications.

SPX gives the sailmaker the option to select the bias performance they require in the cloth - with a choice of Hard, Firm or Medium. This menu selection allows for the cloth to be specifically tailored to the exact sail usage - enhancing the end users sailing experience.



- ◆ Balanced is produced to suit a larger variety of sail applications and features high tenacity yarns for strength and durability
- ◆ A wide set of construction styles the higher weights suit ALL bigger boat users - including tall ships
- ◆ 4oz range offered in full colour palette - with Natural, Cream and Tan colour options available in a range of higher weights
- ◆ 625 - Colours NEW for 2019 - excellent for Beach Cats etc
- ◆ Near parity strength in warp and fill 'balances' the cloth and make it suitable for low aspect sail designs
- ◆ Wide weight and colour range coupled with extensive application possibilities makes this cloth a competitive solution for sailmakers
- ◆ Exact finish required can be selected by the sailmaker - choice of H.ard, Firm or Medium

Series	Denier		Finished Weight	
	W	F	g/m ²	Sm OZ
SPX 425	150	252	170	3.9
SPX 525	252	300	223	5.2
SPX 625	252	500	278	6.5
SPX 725	252	500	325	7.6
SPX 825	450	750	364	8.5
SPX 925	450	846	415	9.7
SPX 1025	750	1000	451	10.6

Note: All data based on griage unless stated otherwise



- ◆ Strong Fill produced as a high sley fabric - with high warp count matched with high fill denier
- ◆ This makes it ideal for high aspect sail designs
- ◆ Durability thanks to the inherent strength from construction design
- ◆ Multi stage process tailored to construction design allows for optimum finish - giving a cloth that is easier to handle and consistent quality
- ◆ Exact finish required can be selected by the sailmaker - choice of Firm or Medium

Series	Denier		Finished Weight	
	W	F	g/m ²	Sm OZ
SPX 755	252	850	329	7.6
SPX 855	252	1008	353	8.3
SPX 955	450	846	415	9.7
SPX 1055	450	1000	455	10.7
SPX 1155	450	1300	480	11.2

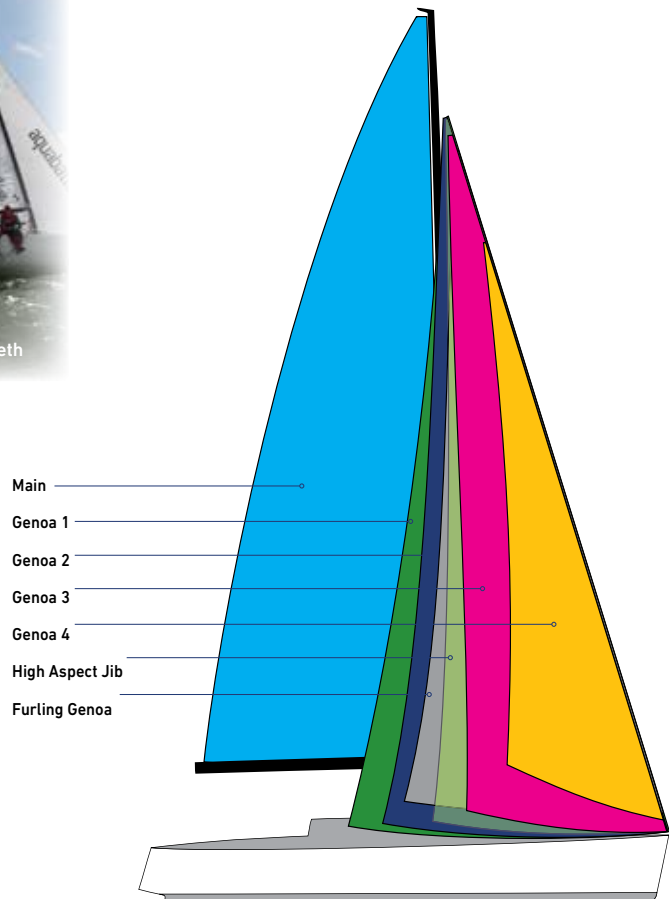
Note: All data based on griage unless stated otherwise





Sail Application Data Sheet

Specification	Initial Bias Range
Hard	3 - 6
Firm	6 - 9
Medium	9 - 12



Crosscut Sail Application

LOA ft	24-30	30-35	35-40	40-45	45-50	50-55
Main	625	755	855	955	1055	1155
Genoa 1	525	525	625	725	825	925
Genoa 2	625	725	825	925	1025	1155
Genoa 3	625	755	855	955	1055	1155
Genoa 4	755	855	955	1055	1155	1055
High Aspect Jib	625	755	855	955	1055	1155
Furling Genoa	625	725	825	925	1025	1155

Please note: This application table should be used as a guide only.



WOVENS - CLASSIC

SPX Classic produced for large variety of sail applications and features high tenacity yarns for strength and durability.

- ◆ Tan and Cream colours in a range of weights
- ◆ Balanced construction covers most classic boat types
- ◆ Near parity strength in warp and fill 'balances' the cloth and makes it suitable for medium and low aspect sail designs
- ◆ Extensive application possibilities makes this cloth a competitive solution for sailmakers



Classic Cream



Classic Tan

SPX525	-	✓
SPX625	✓	✓
SPX725	✓	✓
SPX825	✓	✓
SPX925	✓	✓

Series	Denier		Finished Weight	
	W	F	g/m ²	Sm OZ
SPX 525	252	300	223	5.2
SPX 625	252	500	278	6.5
SPX 725	252	500	364	7.6
SPX 825	450	750	364	8.5
SPX 925	450	750	415	9.7

Please note: Colour representations for Sailcloth, Cover Material and other dye coloured items shown are the closest approximate match permissible by print process. Customers should be aware that the colour of fabrics will alter in appearance to the eye by the light and environment, e.g. bright blue environments will change yellow to greener shades.

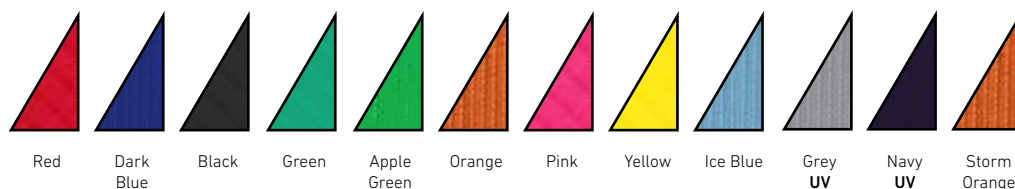


SPX

WOVENS - COLOURS

SPX Colours are produced to suit a large variety of sail applications and features high tenacity yarns for strength and durability.

- ◆ Providing a wide set of sail applications and features high tenacity yarns for strength and durability
- ◆ 6oz range offered in full colour pallet - many colours available in 4oz and other weights
- ◆ Near parity strength in warp and fill, 'balances' the cloth and makes it suitable for low aspect sail designs
- ◆ Wide weight and colour range coupled with extensive application possibilities makes the cloth a competitive solution for sailmakers
- ◆ SPX425 Styles - Enhanced UV stability - Ideal UV cover fabric for roller furling genoas and in-mast furling mainsail



	Red	Dark Blue	Black	Green	Apple Green	Orange	Pink	Yellow	Ice Blue	Grey UV	Navy UV	Storm Orange
SPX425	✓	✓	✓	✓	-	-	-	-	-	✓	✓	-
SPX525	-	-	✓	-	-	-	-	-	-	-	-	-
SPX625	✓	✓	✓	-	✓	✓	✓	✓	✓	-	-	-
SPX725	-	-	✓	-	-	-	-	-	-	-	-	-
SPX825	-	-	✓	-	-	-	-	-	-	-	-	✓
SPX925	-	-	✓	-	-	-	-	-	-	-	-	-
SPX1025	-	-	-	-	-	-	-	-	-	-	-	✓

Series	Denier		Finished Weight	
	W	F	g/m ²	Sm OZ
SPX 425	150	252	170	3.9
SPX 525	252	300	223	5.2
SPX 625	252	500	278	6.5
SPX 725	252	500	364	7.6
SPX 825	450	750	364	8.5
SPX 925	450	750	415	9.7
SPX 1025	750	1000	451	10.6

Please note: Colour representations for Sailcloth, Cover Material and other dye coloured items shown are the closest approximate match permissible by print process. Customers should be aware that the colour of fabrics will alter in appearance to the eye by the light and environment, e.g. bright blue environments will change yellow to greener shades.



Bainbridge HSX Premium cloth is finished using the latest fill and digitally controlled finishing techniques. It harnesses countless years of experience, knowledge and expertise, combined with the very latest finished UV inhibitors to provide a sailcloth which is tough and durable with long service life.

Bainbridge's unique finishing process has been carefully reformulated to incorporate special UV inhibitors which effectively shield and protect HSX from harmful UV degradation, this finishing process has also been refined further to provide up to 3 different types of finish, allowing the sailmaker to select from Hard, Firm and Medium.



- ◆ Balanced denier construction which allows for a wide variety of sail applications
- ◆ Incredibly tough cloth thanks to near parity strength between warp and fill
- ◆ High warp and fill denier ensures exceptional fill modulus
- ◆ Provide for a wide set of construction styles, higher weights suit **ALL** bigger boat uses - including Tall Ships
- ◆ Super tenacity yarns



Series	Denier		Finished Weight	
	W	F	g/m ²	Sm OZ
HSX 422	150	248	170	3.9
HSX 522	252	300	223	5.2
HSX 622	252	500	278	6.5
HSX 722	300	600	325	7.6
HSX 822	450	750	364	8.5
HSX 922	450	850	415	9.7
HSX 1022	750	1000	451	10.6
HSX 1122	846	1000	483	11.3
HSX 1222	999	1300	524	12.3
HSX 1322	1296	1300	581	13.6

Note: All data based on griage unless stated otherwise



- ◆ Exceptionally durable thanks to strong composition and special UV inhibitor incorporated in the finishing process
- ◆ Strength and Performance
- ◆ Multi stage finishing make sails easier to handle and delivers consistent performance
- ◆ High Sley fabric which features a high warp count matched with high fill denier to ensure an exceptional fill modulus
- ◆ Super tenacity yarns



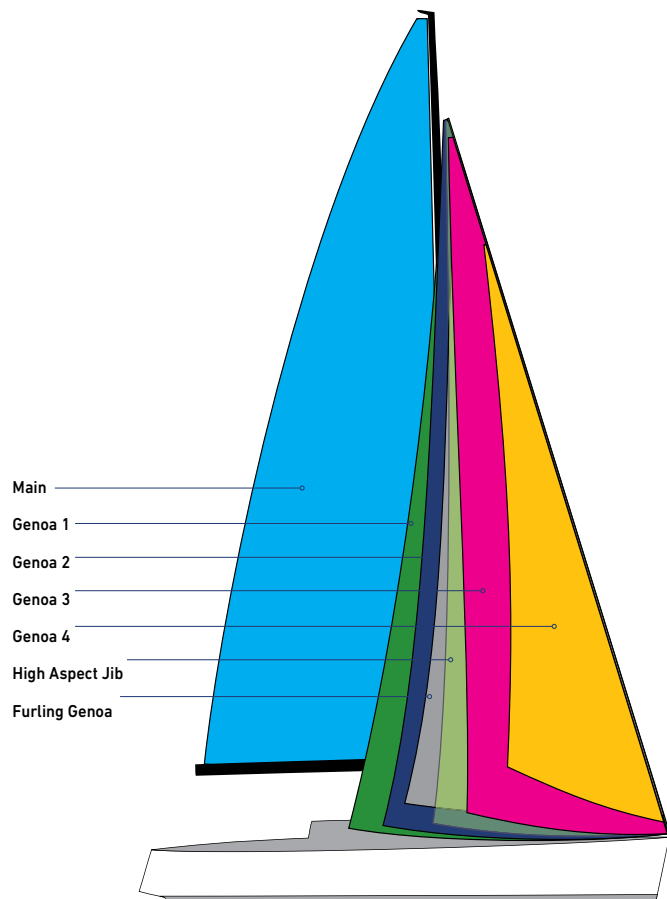
Series	Denier		Finished Weight	
	W	F	g/m ²	Sm OZ
HSX 756	297	850	329	7.6
HSX 856	297	850	353	8.3
HSX 956	450	846	415	9.7
HSX 1056	450	1000	455	10.7
HSX 1156	450	1300	480	11.2

Note: All data based on griage unless stated otherwise



Sail Application Data Sheet

Specification	Initial Bias Range
Hard	3 - 6
Firm	6 - 9
Medium	9 - 12



Crosscut Sail Application

LOA ft	24-30	30-35	35-40	40-45	45-50	50-55
Main	622	756	856	956	1056	1156
Genoa 1	522	522	622	722	822	922
Genoa 2	622	722	822	922	1022	1122
Genoa 3	622	756	856	956	1056	1156
Genoa 4	756	856	956	1056	1156	1056
High Aspect Jib	622	756	856	956	1056	1156
Furling Genoa	622	722	822	922	1022	1122

Please note: This application table should be used as a guide only.



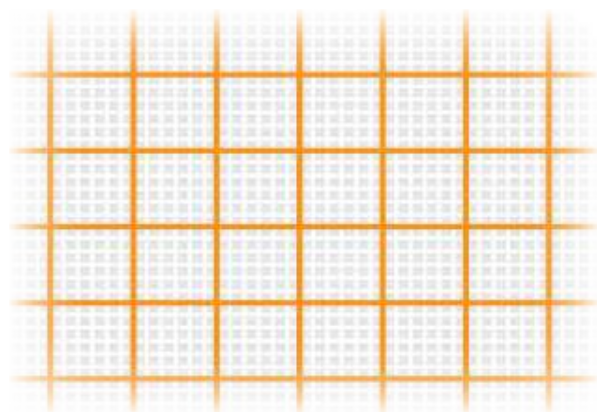
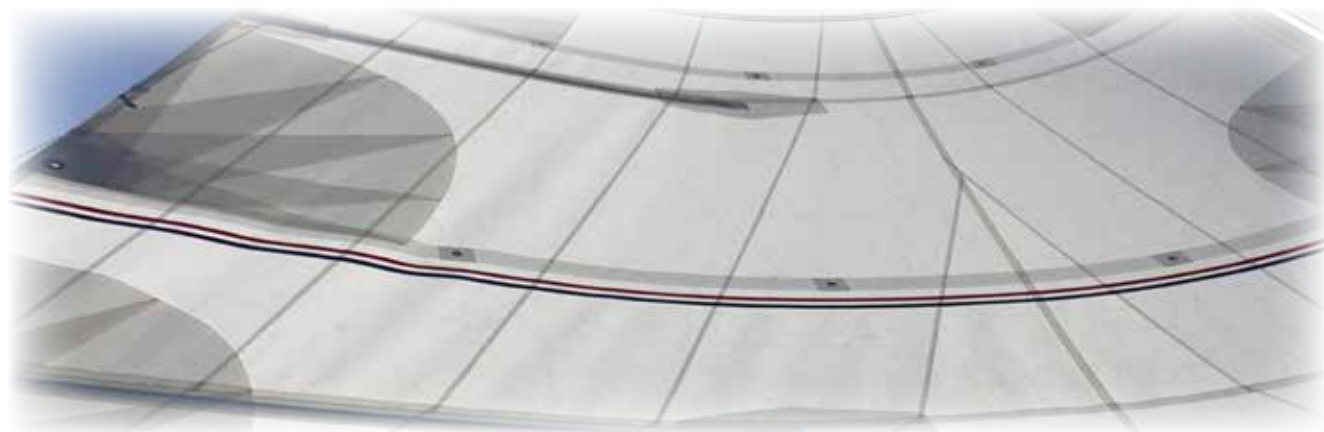
HSXV offers a premier hybrid polyester incorporating Vectran® yarns in warp and fill - the ultimate in woven polyester sailcloth.

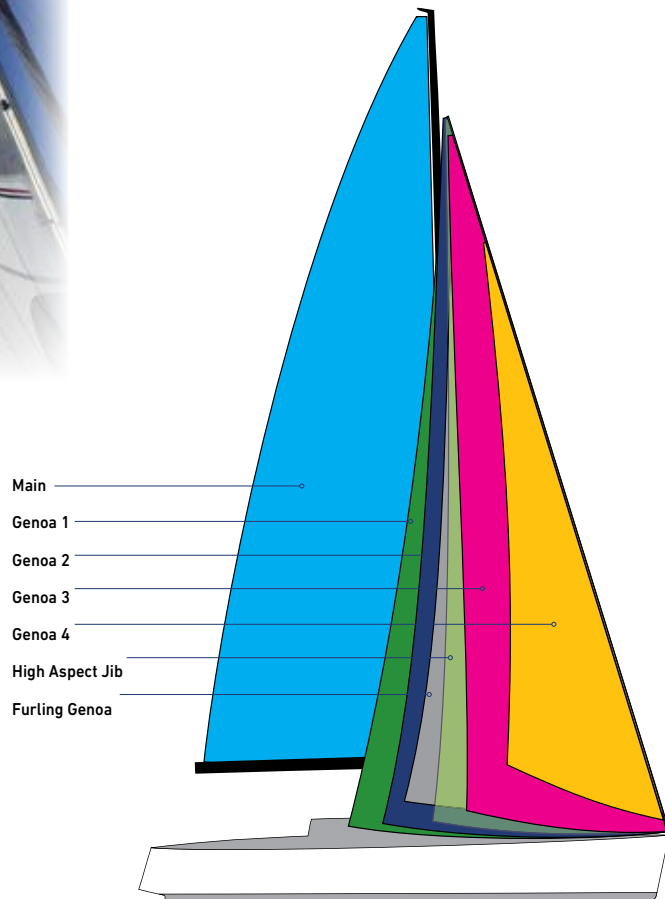
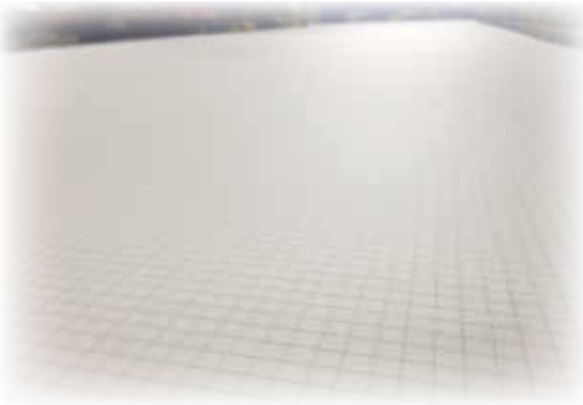
By utilising Vectran® in the construction HSXV is an incredibly strong and durable sailcloth - gram for gram Vectran® yarn is ten times stronger than aluminium.

A balanced construction ideal for performance applications, with integrated Vectran® 5mm matrix providing enhanced bias strength, stability and long term durability.

- ◆ UV protected - the unique Bainbridge finishing process with additional protection which shields the cloth and absorbs harmful UV rays
- ◆ Super tenacity, low shrink polyester yarns deliver a cloth of exceptional strength and finish
- ◆ Tightly woven with a low to moderate finish ensures long term bias stability
- ◆ Balanced construction widens appeal of cloth for countless performance sail applications - **crosscut and radial**
- ◆ The ultimate in woven sailcloth

Series	Denier		Finished Weight	
	W	F	g/m ²	Sm OZ
HSXV 627	252	500	263	6.2
HSXV 727	305	600	328	7.7
HSXV 827	423	750	371	8.7
HSXV 927	495	850	401	9.4





Sail Application

LOA ft	24-30	30-35	35-40	40-45	45-50	50-55
Main	627	727	827	827	927	927
Genoa 1	627	627	627	627	727	727
Genoa 2	627	727	727	827	927	927
Genoa 3	727	727	827	927	927	927
Genoa 4	727	727	827	927	927	927
High Aspect Jib	627	727	827	827	927	927
Furling Genoa	627	727	727	827	927	927

Please note: This application table should be used as a guide only.



New CLP from Bainbridge offers a robust double taffeta laminate with polyester scrim. This encased scrim gives great performance, durability and tear resistance – with consistent quality ensured thanks to Bainbridge's carefully controlled laminate production process. This makes CLP perfect for Cruise Laminate applications with a full line of constructions offering extensive options in the range and application which CLP can be used by a sailmaker.

- **Zero Crimp Warp Scrim**

The 0-90 load bearing scrim utilises high quality polyester fibre. Warp efficiency is further improved through a manufacturing technique that virtually eliminates warp crimp

- **Durability**

Bainbridge's long lineage in pioneering laminates have an established reputation for durability. The CLP range is no exception to this and the process of encapsulating the film and scrim in tough polyester taffetas means that they are protected from chafing, cracking and UV

- **Construction**

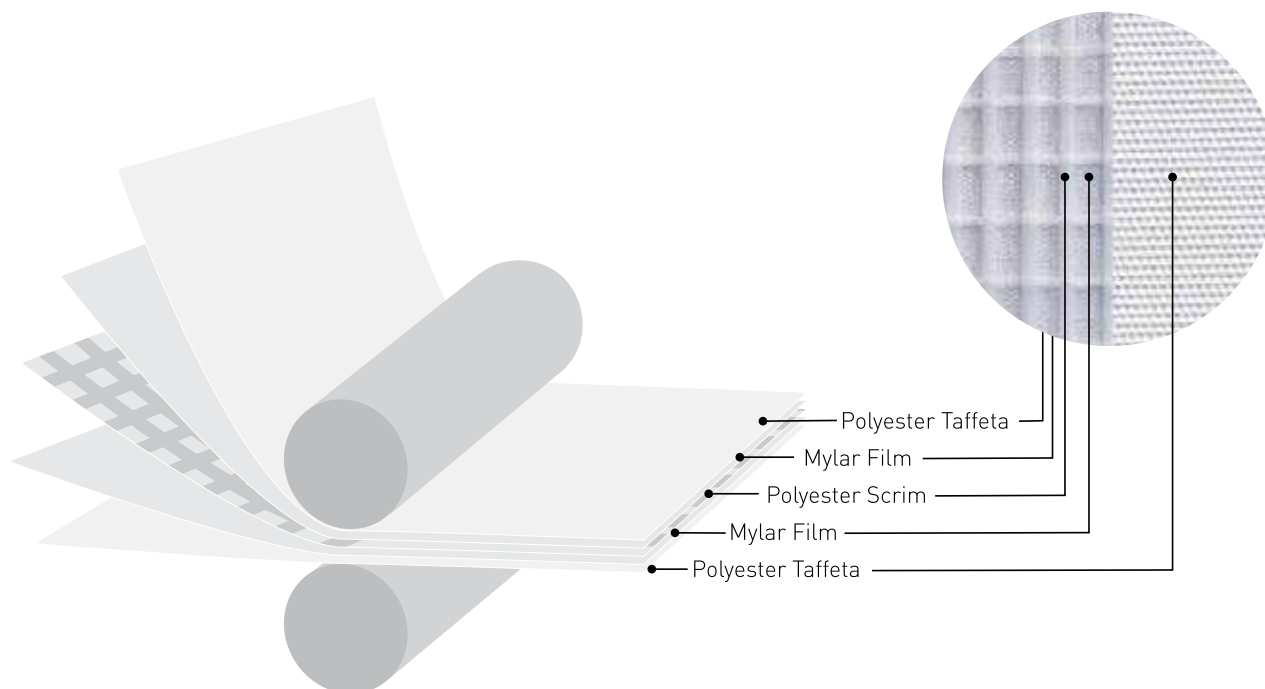
CLP features a carefully controlled production process which ensures consistent quality combined with the added strength and performance benefit of 5 layer film on film construction

- **Mildew Resistance**

CLP utilises a mildew inhibiting formula within the adhesive. This reduces the mildew problems that can be associated with this type of fabric

- **Soft Hand**

The components used have been specially selected to produce a fabric with a soft hand. These soft characteristics reduces fibre breakdown in service, extends life and makes sails easier to use and handle





Specifications

Part No.	Style	Weight: gsm	Film: mil	Width mm	Scrim Polyester	Warp & Fill	General Applications
FLP250B01	CLP 250	250	1.0	1420	1000 x 500	6 x 4	Radial applications for genoas on boats up to around 30 feet Light weight material for plied constructions with heavier styles in the CLP range Durable foot section fabric for performance genoas on mid-sized keelboats Bi-radial mains for boats up to about 25 feet
FLP300B01	CLP 300	300	1.5	1420	1000 x 500	6 x 4	Radial cruising genoas for boats up to 34 feet Bi-radial mains for boats up to 29 feet Foot sections on mains and jibs on boats up to 52 feet where performance and durability are essential Front ends of CL 350 genoas
FLP350B01	CLP 350	350	2.0	1420	2000 x 500	6 x 4	Foot sections on heavy mains and jibs on boats up to Maxi size where performance and durability are essential Radial cruising genoas for boats up to 50 feet Bi-radial mains for boats up to 38 feet
FLP400B01	CLP 400	400	2.0	1420	3000 x 1000	6 x 4	Bi-radial mains on boats to about 50 feet Radial genoas on boats up to about 75 feet Ideal for roller furling mainsails and genoas on larger yachts

Aramid PSA Patch

- ◆ Ideal for lightweight corner patches and local reinforcement on laminate sails
- ◆ Onboard laminate sail repairs



F0808Z00Y



J742 / J743 / J744

Part No.	Description	Roll / Width (mm)	UOM
F7010Z00M	Aramid Patch Cloth - 137cm Adhesive backed	1370	Metre
J742	Adhesive Aramid Tape - 400 Denier Twaron	50	Metre
J743	Adhesive Aramid Tape - 400 Denier Twaron	75	Metre
J744	Adhesive Aramid Tape - 400 Denier Twaron	102	Metre

Monofilm PSA

- ◆ PSA Polyester film with self adhesive backing material for boardsails repairs etc



Part No.	Description	Roll Length (m)	Roll / Width (mm)	Pack Qty
J872	Adhesive Backed Monofilm	45.7	50	Roll
J874	Adhesive Backed Monofilm	45.7	1370	Metre

PSA Polyester



- ◆ ODYSSEY PSA is an acrylic coated, 100% woven polyester with **Pressure Sensitive Adhesive** suitable for many indoor or outdoor applications
- ◆ Mildew and UV resistant
- ◆ Uses: Boat cover repairs, reinforcement and UV roller furling covers



F0808Z00Y



F0808Z18Y



F0808Z75Y



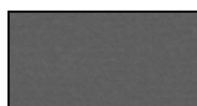
F0808Z79Y



F0808Z88Y



F0808Z90Y



F0808Z97Y

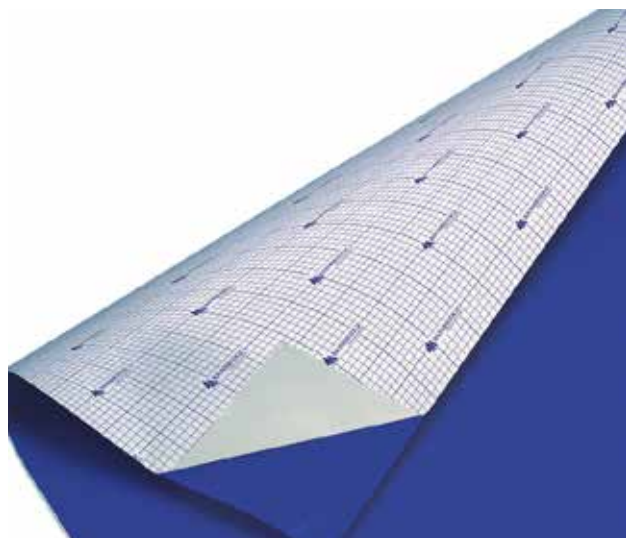
Part No.	Roll Length (m)	Roll Width (cm)	Colour	UOM
F0808Z00Y	45.7	150	White	Metre
F0808Z18Y	45.7	150	Caribbean Blue	Metre
F0808Z75Y	45.7	150	Burgundy	Metre
F0808Z79Y	45.7	150	Royal Blue	Metre
F0808Z88Y	45.7	150	Silver Grey	Metre
F0808Z90Y	45.7	150	Harbour Blue	Metre
F0808Z97Y	45.7	150	Charcoal Grey	Metre



PSA Acrylic

PSA Acrylic Solacryl is used to prevent UV radiation from attacking the headsail while a boat is moored. It is advisable to place a UV strip on its leech and foot. Once rolled up, the sail is completely protected from the harmful effects of the sun. Our PSA Backing greatly increases efficiency during application, therefore reducing times and labour cost when fitting Acrylic UV Covers.

- Composition: 100% Solacryl Acrylic
- Finish: Special Marine Treatment
- Weight: 355gsm
- Width: 150cm



F83500100A

F83500206A

F83500230A



F83500300A

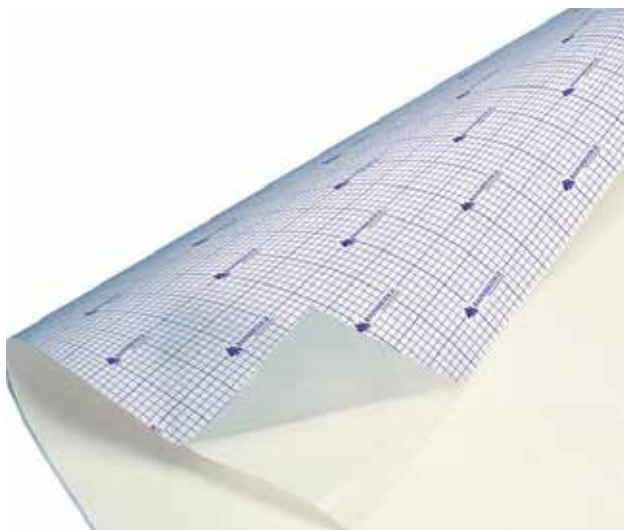
F83500450A

Part No.	Weight (gsm)	Roll Width (cm)	Colour	UOM
F83500100A	355	150	White	Metre
F83500206A	355	150	Captain Navy	Metre
F83500230A	355	150	Mid Blue	Metre
F83500300A	355	150	Silver	Metre
F83500450A	355	150	Black	Metre



PSA Sailcloth

- Polyester Sailcloth with a UV stable (non-yellowing) Pressure Sensitive Adhesive coating with backing paper
- A comprehensive range of weights available
- Uses include: 2-ply, Spreader and Chafe Patches, Parts and Repairs



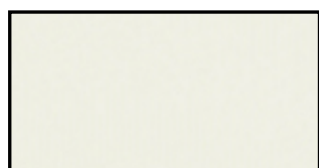
Part No.	Roll Width (cm)	UOM
FWP0400A	137	Metre
FWP0500A	137	Metre
FWP0600A	137	Metre
FWP0700A	137	Metre
FWP0800A	137	Metre
FWP0900A	137	Metre



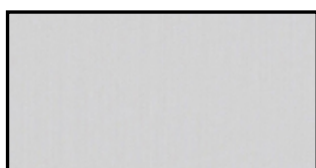
Sunbrella Furling

Sunbrella® Furling / Furling Adhesive is used to prevent UV radiation from attacking the headsail while a boat is moored. It is advisable to place a UV strip on its contours. Once rolled up, the sail is completely protected from the harmful effects of the sun. Specifically designed for this application, Furling is a fabric which – thanks to its light weight, flexibility and durability – does not interfere with the sail's performance. Available in both an adhesive and non-adhesive version. Furling are particularly recommended for boats measuring less than 40' in length.

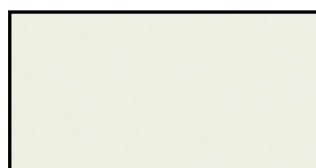
- ◆ Composition: 100% Sunbrella® acrylic
- ◆ Finish: Special Marine Treatment
- ◆ Weight: 195gsm / 250gsm
- ◆ Width: 165cm (Non-Adhesive) / 150cm (Adhesive)



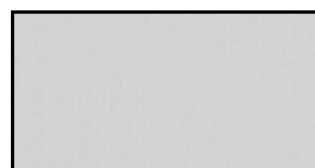
SUNFU5020



SUNFU5035



SUNFUA5020



SUNFUA5035

Part No.	Roll Length (m)	Width (cm)	Weight (gsm)	Colour	UOM
SUNFU5020	50	165	195	Natural	Metre
SUNFU5035	50	165	195	Silver	Metre

Adhesive Backed

Part No.	Roll Length (m)	Width (cm)	Weight (gsm)	Colour	UOM
SUNFUA5020	50	150	250	Natural	Metre
SUNFUA5035	50	150	250	Silver	Metre



Polyester Insignia



- ◆ Standard Style
- ◆ Has grid on release liner
- ◆ Uses include: Sail Numbers, Patching, Logos and Print Applications where applicable
- ◆ Cut lengths available



Part No.	Description	Roll Length (m)	Colour	UOM
J514BK	Polyester Insignia - 142cm Wide	45.7	Black	Metre
J514BU	Polyester Insignia - 142cm Wide	45.7	Blue	Metre
J514CR	Polyester Insignia - 142cm Wide	45.7	Cream	Metre
J514FP	Polyester Insignia - 142cm Wide	45.7	Fluorescent Pink	Metre
J514FY	Polyester Insignia - 142cm Wide	45.7	Fluorescent Yellow	Metre
J514GR	Polyester Insignia - 142cm Wide	45.7	Green	Metre
J514GY	Polyester Insignia - 142cm Wide	45.7	Grey	Metre
J514KE	Polyester Insignia - 142cm Wide	45.7	Kevlar Look	Metre
J514NB	Polyester Insignia - 142cm Wide	45.7	Navy Blue	Metre
J514OR	Polyester Insignia - 142cm Wide	45.7	Fluorescent Orange	Metre
J514RD	Polyester Insignia - 142cm Wide	45.7	Red	Metre
J514SL	Polyester Insignia - 142cm Wide	45.7	Silver	Metre
J514TN	Polyester Insignia - 142cm Wide	45.7	Tan	Metre
J514WT	Polyester Insignia - 142cm Wide	45.7	White	Metre
J514YE	Polyester Insignia - 142cm Wide	45.7	Yellow	Metre
J530WT	High Tack Insignia - 137cm Wide	45.7	White	Metre
J530WTUV	High Tack Insignia - 137cm Wide - UV & Printable	45.7	White UV	Metre
J614WT	Polyester Insignia - 137cm Wide - Printable	45.7	White	Metre

Please note: Colour representations for Sailcloth, Cover Material and other dye coloured items shown are the closest approximate match permissible by print process. Customers should be aware that the colour of fabrics will alter in appearance to the eye by the light and environment, e.g. bright blue environments will change yellow to greener shades.

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The easy way to choose your Sailcloth

The App has six sections:

Our History

Sailcloth Selector

Sail Care & Maintenance

Sailcloth Catalogue

All About Sailcloth

Glossary



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Sailman

Contents:

- Sailman 3000
- Sailman 3500
- Sailman 4000
- Full Length Battens

Series 25 Luff Box:

U01540

- ◆ Tough injection moulded fibre reinforced construction.
- ◆ Integrated tension adjustment system with friction lock.
- ◆ Accommodates battens up to 30mm x 5.2mm including 30CT052.
- ◆ Top plate design allows simple batten fitting and removal.
- ◆ Moulded M10 thread.



Series 35 Luff Box:

U01530 / U01531 / U01532

- ◆ Tough injection moulded fibre reinforced construction
- ◆ Concealed M10 nut for extra strength compared to threaded plastic designs
- ◆ Optional batten tension adjustment with metal drive dog
- ◆ U01530 is non adjustable
- ◆ Snap in guides to suit round or flat battens supplied with every box
- ◆ U01532 - M12 link connector



Series 35 HD Luff Box - Adjustable

U01535 / U01536

- ◆ Tough injection moulded fibre reinforced construction.
- ◆ Concealed M10 nut for extra strength compared to threaded plastic designs.
- ◆ Batten tension adjustment for Sailman battens with metal drive dog.
- ◆ Snap in guides to suit round or flat battens supplied with every
- ◆ U01536 - M12 link connector box.



Series 55 Luff Box - Adjustable

U01520Y

- ◆ Tough injection moulded fibre reinforced construction.
- ◆ Concealed M10 nut for extra strength compared to threaded plastic designs.
- ◆ Tension adjustment for Sailman battens with metal drive dog.
- ◆ Additional cover plates included for both flat battens and rod battens.
- ◆ Tension adjustment options:
- ◆ Adjustable or non adjustable for battens 30CT024, 30CT031, 30CT044, 30CT052, U30063, U30076, U30102
- ◆ Non adjustable only for battens 06R, 08R, 10R, 12R



Fits with Full Length Batten, Part Number:

30CT024
30CT031
30CT044
30CT052

30CT024
30CT031
30CT044
30CT052
U30063
06R
08R
10R

30CT024	U30127
30CT031	06R
30CT044	08R
30CT052	10R
U30063	12R
U30076	14R
U30102	16R
U30114	

30CT024	U30102
30CT031	06R
30CT044	08R
30CT052	10R
U30063	12R
U30076	

Full Length Battens (actual size):

30CT024



30mm wide x 2.4mm thick

30CT031



30mm wide x 3.1mm thick

30CT044



30mm wide x 4.4mm thick

30CT052



30mm wide x 5.2mm thick

U30063



30mm wide x 6.3mm thick

U30076



30mm wide x 7.6mm thick

U30102



30mm wide x 10.2mm thick

U30114



30mm wide x 11.4mm thick

U30127



30mm wide x 12.7mm thick

06R



6mm

08R



8mm

10R



10mm

12R



12mm

14R



14mm

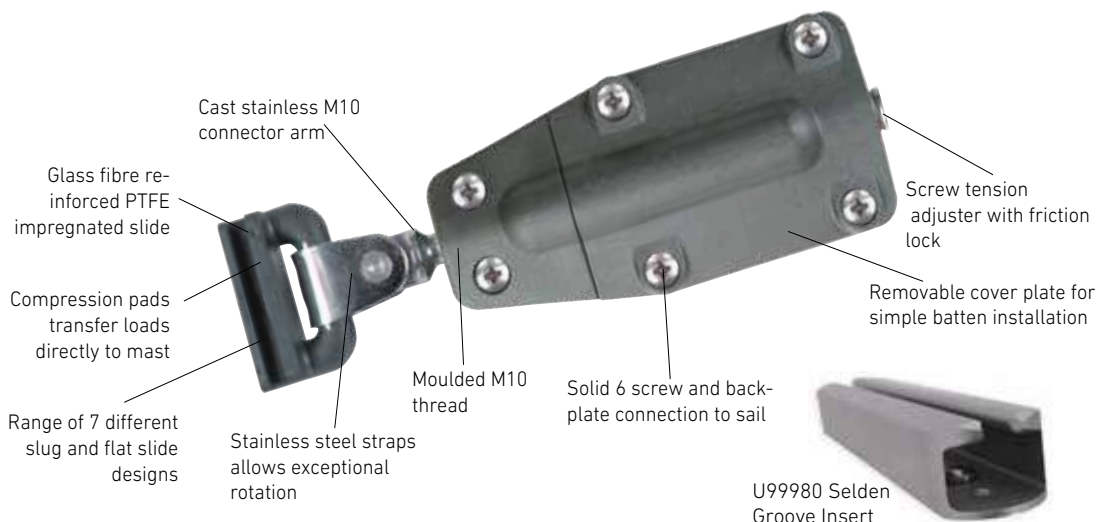
16R



16mm

Sailman 3000 is a compact integrated full batten system for boats up to 35ft. The system comprises seven profiles of slide linkage that is compatible with Series 25 and Series 35 batten boxes.

Sailman 3000 is compatible with most modern internal mast tracks and despite being designed to be affordable, still includes many detailed design features and advanced quality materials.



Series 25 (U01540) Luff Box Shown

Part No.	Description	Width (mm)	Waist (mm)	Length (mm)	Connection	Weight (gm)	Battens	Pack Qty / UOM
SLIDES								
A107	Low Friction Slide 16mm Flat	15.2	7.5	45.0	U00642/A035BK/ Webbing	13	-	10
A108	Low Friction Slide 19mm Flat	19.0	9.0	45.0	U00642/A035BK/ Webbing	14	-	10
A109	Low Friction Slide 22mm Flat	22.2	11.0	45.0	U00642/A035BK/ Webbing	16	-	10
A114	Low Friction Slide 16mm Selden 'E' Series	15.2	4.4	45.0	U00642/A035BK/ Webbing	14	-	10
A116	Low Friction Slide 8mm Diameter	7.4	4.0	45.0	U00642/A035BK/ Webbing	12	-	10
A117	Low Friction Slide 9mm Diameter	8.4	4.0	45.0	U00642/A035BK/ Webbing	13	-	10
A118	Low Friction Slide 12.5mm Diameter	11.4	4.0	45.0	U00642/A035BK/ Webbing	15	-	10
CONNECTORS								
A035BK	Long reach screw-on shackle	-	-	61	-	-	-	1
U00642	Slide Linkage M10	-	-	-	M10 Thread	50	-	Each
U99980	Selden Sail Groove Insert	30	-	155	-	-	-	Each
LUFF BOXES								
U01530	Series 35 Standard Luff Box	62	-	120	M10 Thread	209	A,B,C,D,E,J,K,L	Each
U01531	Series 35 Luff Box with Batten Tension Adjuster	62	-	120	M10 Thread	234	A,B,C,D,E,J,K,L	Each
U01532	Sailman Series 35 Batten Box Adjustable	62	-	120	M12 Thread	245	A,B,C,D,E,J,K,L	Each
U01535	Series 35 HD Luff Box with Batten Tension Adjuster	62	-	120	M10 Thread	267	All Battens	Each
U01536	Series 35 HD Batten Box Adjustable	62	-	120	M10 Thread	275	All Battens	Each
U01540	Series 25 Standard Luff Box with Batten Tension Adjuster	62	-	104	M10 Thread	122	A,B,C,D	Each

A107
Low friction slide
15.2mm width

A108
Low friction slide
19mm width

A109
Low friction slide
22.2mm width

A114
Low friction slide
15.2mm Selden
'E' Series
15.2mm wide

A116
Low friction slide
7.4mm diameter

A117
Low friction slide
8.4mm diameter

A118
Low friction slide
11.4mm diameter

1 Batten Slide

2 M10 Slide Linkage U00642

3 Long reach screw-on shackle A035BK

Series 25 Luff Box
U01540

Series 35 Luff Box
U01531 / U01530

Series 35 Heavy Duty Luff Box Adjustable U01535

Please note: Images are for illustration purposes only and are not actual size.

Slides should be a snug fit and bear on aft face of mast.



30CT024 A

30CT031 B

30CT044 C

30CT052 D

U30063 E

U30076 F

U30102 G

U30114 H

U30127 I

06R J

08R K

10R L

12R M

14R N

16R O

1 Batten Slides:

- Seven profiles to fit most modern spars
- Precision moulded from glass fibre reinforced plastic with a PTFE impregnation
- Integral compression pad transfers load directly onto aft face of spar
- Slides can also be used as intermediates using A035BK long reach shackle
- All slides measure: 45mm or 1³/₄ inches in length
- Consistent slide + linkage offset for accurate luff curve

2 M10 Side Linkage - U00642:

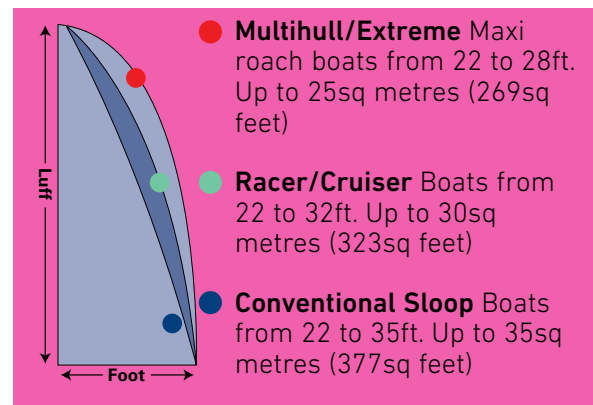
- Pressure formed 316 stainless steel double toggle transfers compression directly and evenly on to the slide
- M10 thread allows connection to Series 25, Series 35 and most other brands of batten box
- Hinge system allows for 'lay-flat' rotation of battens when the sail is stowed and reefed
- Clevis pin with heavy duty split ring provides simple sail removal

3 Long Reach Screw-On Shackle - A035BK:

- Specifically designed for connecting our regular 7 Allslip slides to full batten sails, including those equipped with Sailman 3000, Sailman 3500 and 4000 systems

Sail Areas

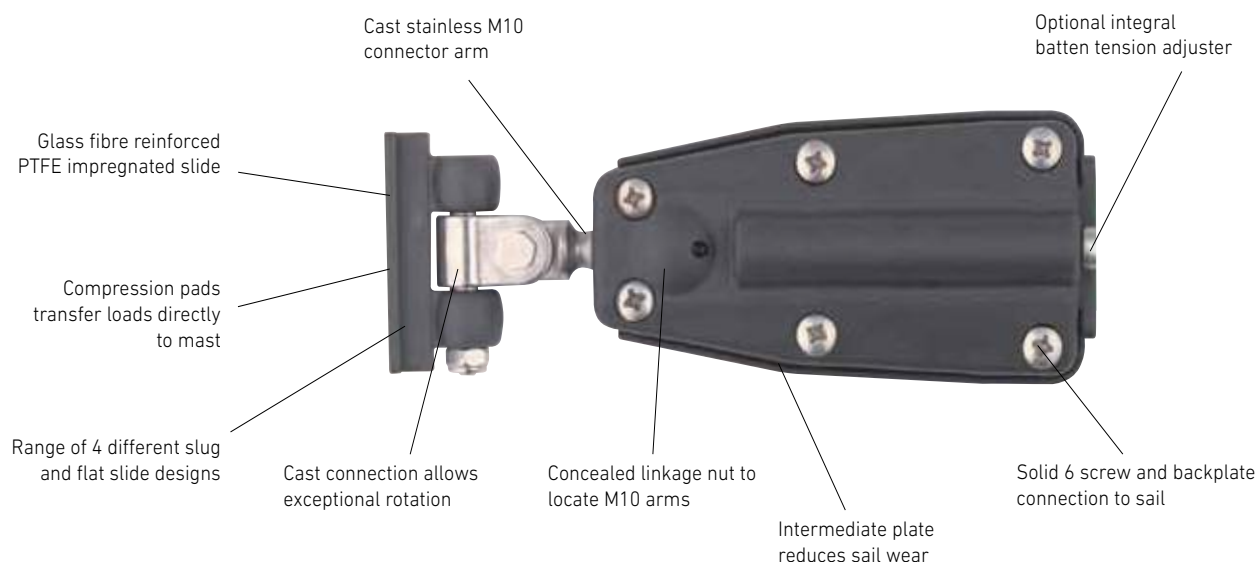
Recommended maximum sail areas according to yacht type and roach variation:



The big-roached rigs of some multihulls and water-ballasted yachts add considerably to the loads applied to batten systems. If in doubt contact Bainbridge International for further advice.

The Sailman 3500 system is designed for boats up to 35ft. It has been specifically designed to fit a full batten sail on three of the most difficult types of spars:

- ◆ Alloy spars with sail feeding gates that are proud of the aft face of the mast
- ◆ Composite spars
- ◆ Alloy and composite wing masts



Series 35 (U01531) luff box shown

Part No.	Description	Width (mm)	Waist (mm)	Length (mm)	Connection	Weight (gm)	Battens	UOM
INTERMEDIATE SLIDES								
U00361	Intermediate/Head Slide 15.5mm	15.5	7.3	55.0	Webbing	30	-	Each
U00363	Intermediate/Head Slide 18mm	17.9	8.7	55.0	Webbing	31	-	Each
U00365	Intermediate/Head Slide 22mm	21.5	10.3	55.0	Webbing	34	-	Each
U00377	Intermediate/Head Slide 9mm Diameter	9.0	3.4	55.0	Webbing	30	-	Each
BATTEN SLIDES								
U00341S	Batten Slide 15.5mm Series 35 Luff Box	15.5	7.3	55.0	M10 Thread	81	-	Each
U00343S	Batten Slide 18mm Series 35 Luff Box	17.9	8.7	55.0	M10 Thread	81	-	Each
U00345S	Batten Slide 22mm Series 35 Luff Box	21.5	10.3	55.0	M10 Thread	84	-	Each
U00357S	Batten Slide 9mm Diameter Series 35 Luff Box	9.0	3.4	-	M10 Thread	80	-	Each
LUFF BOXES								
U01530	Series 35 Standard Luff Box	62	-	120	M10 Thread	209	A,B,C,D,E,J,K,L	Each
U01531	Series 35 Luff Box with Batten Tension Adjuster	62	-	120	M10 Thread	234	A,B,C,D,E,J,K,L	Each
U01532	Sailman Series 35 Batten Box Adjustable	62	-	120	M12 Thread	245	A,B,C,D,E,J,K,L	Each
U01535	Series 35 HD Luff Box with Batten Tension Adjuster	62	-	120	M10 Thread	267	All Battens	Each
U01536	Sailman Series 35 HD Batten Box Adjustable	62	-	120	M12 Thread	275	All Battens	Each
U01540	Series 25 Standard Luff Box with Batten Tension Adjuster	50	-	104	M10 Thread	122	A,B,C,D	Each

U00341S M10 Arm
U00361 Intermediate



15.5mm width
7.3mm waist

U00343S M10 Arm
U00363 Intermediate



17.9mm width
8.7mm waist

U00345S M10 Arm
U00365 Intermediate



21.5mm width
10.3mm waist

U00357S M10 Arm
U00377 Intermediate



9.0mm width
3.4mm waist

1 Intermediate Slide



1 M10 Batten Slide



Series 25 Luff Box
U01540



Series 35 Luff Box
U01531 / U01530

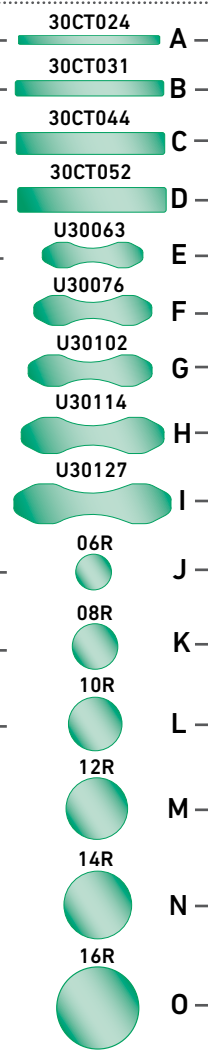


Series 35 Heavy Duty Luff Box
Adjustable U01535



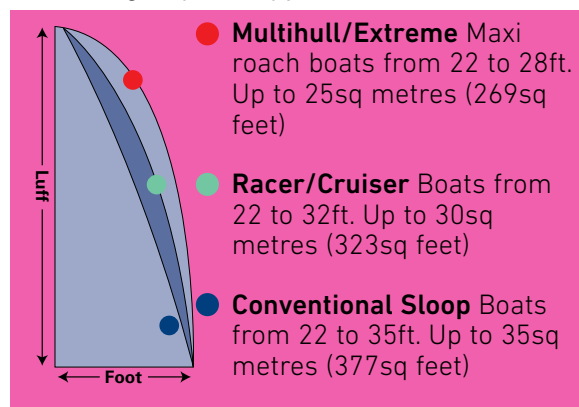
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Slides should be a snug fit and bear on aft face of mast.



Sail Areas

Recommended maximum sail areas according to yacht type and roach variation:



The big-roached rigs of some multihulls and water-ballasted yachts add considerably to the loads applied to batten systems. If in doubt contact Bainbridge International for further advice.

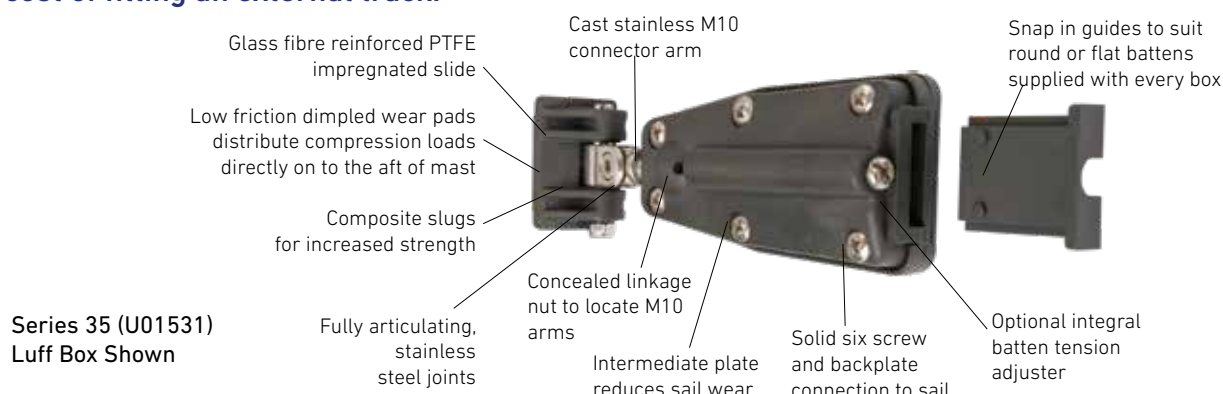
1 Batten Slides:

- ◆ Sailman 3500 slides are designed to run inside the mast groove and unlike Sailman 3000 and 4000 slides, do not bear on the aft face of the mast. This allows them to run past feeding gates and to slide in very narrow grooves on composite wing masts
- ◆ To prevent wear on composite spars the sliders have no exposed metal parts
- ◆ The smallest slug version has a waist of just 3.4mm, allowing it to fit the narrowest of grooves
- ◆ Glass reinforced and PTFE impregnated construction
- ◆ Fully articulating solid stainless steel joint allows 'lay-flat' rotation of battens when sail is stowed or reefed
- ◆ M10 thread allows connection to Series 25, Series 35, Series 55 and most other brands of batten box
- ◆ Cotton reel on intermediate slides for easy sail removal and to reduce wear
- ◆ Consistent slide + linkage offset for accurate luff curve



Sailman 4000 is a premium trackless full batten system for boats up to 43ft. The system comprises seven profiles of slides that feature a durable hinge system and stainless steel reinforced slugs. All slides are compatible with Series 35 and Series 55 batten boxes.

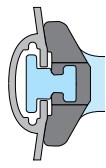
Sailman 4000 has been designed as a premium system that, through careful design and detailed engineering, delivers excellent performance and strength without the complication and cost of fitting an external track.



Part No.	Description	Width (mm)	Waist (mm)	Length (mm)	Connection	Weight (gm)	Battens	UOM
INTERMEDIATE SLIDES								
U00462	Intermediate/Head Slide 16mm Flat	16.3	8.5	52	Webbing	61	-	Each
U00463	Intermediate/Head Slide Selden 'C'	19.8	9.4	52	Webbing	68	-	Each
U00464	Intermediate/Head Slide 19mm Flat	18.8	4.7	52	Webbing	65	-	Each
U00466	Intermediate/Head Slide 23mm Flat	23	12	52	Webbing	68	-	Each
U00468	Intermediate/Head Slide 24mm Flat	24	12	52	Webbing	68	-	Each
U00472	Intermediate/Head Slide 10mm Slug	10	3.6	52	Webbing	64	-	Each
U00474	Intermediate/Head Slide 11mm Slug	11	3.7	52	Webbing	63	-	Each
U00322	Spare Cotton Reel for Intermediate Sliders	-	-	-	Webbing	-	-	Each
BATTEN SLIDES								
U00442S	Batten Slide 16mm Flat	16.3	8.5	52	M10 Thread	112	-	Each
U00443S	Batten Slide Selden 'C'	19.8	9.4	52	M10 Thread	118	-	Each
U00444S	Batten Slide 19mm Flat	18.8	4.7	52	M10 Thread	112	-	Each
U00446S	Batten Slide 23mm Flat	23	12	52	M10 Thread	118	-	Each
U00448S	Batten Slide 24mm Flat	24	12	52	M10 Thread	117	-	Each
U00452S	Batten Side 10mm Flat	10	3.6	52	M10 Thread	113	-	Each
U00454S	Batten Side 11mm Flat	11	3.7	52	M10 Thread	112	-	Each
LUFF BOXES								
U01530	Series 35 Standard Luff Box	62	-	120	M10 Thread	209	A,B,C,D,E,J,K,L	Each
U01531	Series 35 Luff Box with Batten Tension Adjuster	62	-	120	M10 Thread	234	A,B,C,D,E,J,K,L	Each
U01532	Sailman Series 35 Batten Box Adjustable	62	-	120	M12 Thread	245	A,B,C,D,E,J,K,L	Each
U01535	Series 35 HD Luff Box with Batten Tension Adjuster	62	-	120	M10 Thread	267	All Battens	Each
U01536	Sailman Series 35 HD Batten Box Adjustable	62	-	120	M12 Thread	275	All Battens	Each
U01520Y	Series 55 Luff Box with Batten Tension Adjuster	73	-	127	M10 Thread	275	A,B,C,D,E,F,G,-J,K,L,M	Each



U00462 Intermediate
U00442S M10
U00462H 16.3mm headslide



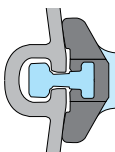
U00468 Intermediate
U00448S M10
U00468H 24mm headslide



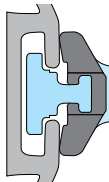
U00464 Intermediate
U00444S M10
U00464H 18.8mm headslide



U00472 Intermediate
U00452S M10
U00472H 10mm headslide



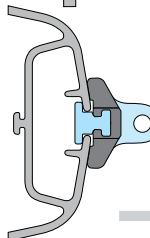
U00466 Intermediate
U00446S M10
U00466H 23mm headslide



U00474 Intermediate
U00454S M10
U00474H 11mm headslide



U00463 Intermediate
U00443S M10
U00463H 19.8mm headslide



1 M10 Batten Slide



2 Intermediate Slide



Please note: Images are for illustration purposes only and are not actual size.

Series 35 Luff Box U01531 / U01530



Series 35 Heavy Duty Luff Box Adjustable U01535



Series 55 Luff Box U01520Y



30CT024

A

30CT031

B

30CT044

C

30CT052

D

U30063

E

U30076

F

U30102

G

U30114

H

U30127

I

06R

J

08R

K

10R

L

12R

M

14R

N

16R

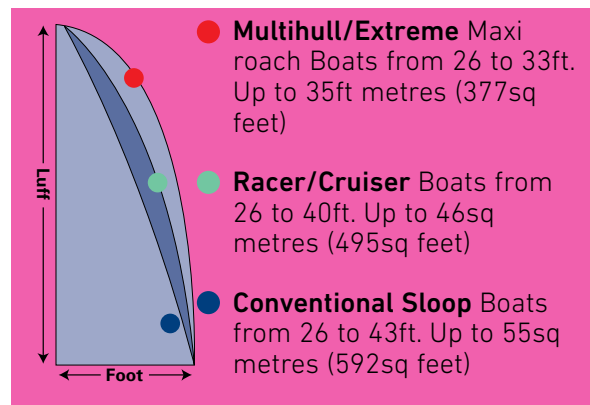
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Slides should be a snug fit and bear on aft face of mast.



Sail Areas

Recommended maximum sail areas according to yacht type and roach variation:



The big-roached rigs of some multihulls and water-ballasted yachts add considerably to the loads applied to batten systems. If in doubt contact Bainbridge International for further advice.

1 Batten Slides:

- Seven profiles to fit most modern spars
- Precision moulded from glass fibre reinforced plastic with PTFE impregnation
- Durable stainless steel hinge system and connecting arm
- Low friction compression pads transfer load directly onto aft face of spar
- Composite slugs with stainless steel reinforced for extra strength
- Consistent slide + linkage offset for accurate luff curve

2 Intermediate Slide:

- Moulded cotton reels for web on attachment in intermediate positions
- Can also be webbed to SailmanX headboards as light duty headslides

Flat Battens

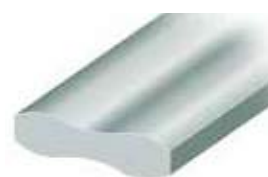
These low cost, quality pultrusions are tough and durable. The use of battens can help minimise sail wear. All styles are 30mm wide but vary in thickness to offer logical and progressive increases in stiffness. This allows different stiffness' to use the same width pocket and luff box.



Part No.	Luff Box	Profile	Width (mm)	Thickness (mm)	EI (NM2)	Weight (gms)	Length (m)
30CT024	U01540 U01530/31/32 U01535/36 U01520Y	Flat	30	2.4	1.1	145	6
30CT031 30CT031R	U01540 U01530/31/32 U01535/36 U01520Y	Flat	30	3.1	2.3	188	6 / 30
30CT044 30CT044R	U01540 U01531/30 U01535 U01520Y	Flat	30	4.4	7.1	266	6 / 30
30CT052 30CT052R	U01540 U01531/30 U01535 U01520Y	Flat	30	5.2	12.7	315	6 / 30

Sailman Battens

Highest quality vinylester pultrusions deliver ultimate tenacity for demanding full batten applications. They feature a logical and progressive range of stiffness' and a common 30mm width.



Part No.	Luff Box	Profile	Width (mm)	Thickness (mm)	EI	Weight (gms)	Length (m)
U30063	U01530/31 32 U01535/36 U01520Y	Sailman	30	6.3	23.3	293	12
U30076	U01535/36 U01520Y	Sailman	30	7.6	40.4	382	12
U30102	U01535/36 U01520Y	Sailman	30	10.2	101.6	530	12
U30114	U01535/36	Sailman	30	11.4	136.8	618	12
U30127	U01535/36	Sailman	30	12.7	199.3	704	12

Round Battens

Outstanding stiffness to weight combined with low cost make round section pultrusions an excellent choice for full batten applications.



Part No.	Luff Box	Profile	Width (mm)	Thickness (mm)	EI	Weight (gms)	Length (m)
06R 06R30	U01530 U01535/36 U01520Y	Rod	6	6	3.3	52	6 / 30
08R 08R30	U01530 U01535/36 U01520Y	Rod	6	8	11.2	88	6 / 30
10R 10R30	U01530 U01535/36 U01520Y	Rod	10	10	25.8	114	6 / 30
12R	U01535/36 U01520Y	Rod	12	12	53.6	211	6
14R	U01535/36	Rod	14	14	99.2	286	6
16R	U01535/36	Rod	16	16	169	364	6
20R	-	Rod	20	20	413	560	6

Hardware

Contents:

Battens:

- Aquabattens Glass Epoxy Tapered
- Aquabattens Glass Epoxy Uniform
- Aquabattens Carbon / Glass Epoxy Tapered
- Aquabattens Carbon / Glass Epoxy Uniform
- Pultruded Flat
- Pultruded Rod
- Pultruded Vinylester
- Pultruded Sailman

Batten Fixings:

- Pocket Protectors
- Tensioners & End Fittings
- SDA Rod Fixings

Sail Hardware:

- Track Slides
- Sail Shackles
- Jib Hanks
- Tack & Cunningham
- Headboards
- Clewboards
- Liners & Rivets
- Outhaul Blocks
- Leechline Blocks
- Leechline Clamcleats

Tapes & Ropes:

- Luff Tape
- Sailcloth Slit Tape
- Spinnaker Edging Tape
- Ropes & Cord
- Leechline
- Shockcord
- Southern Ropes

Rings & Grommets:

- Pressed Ring System
- English Grommets
- Stimpson Grommets
- Hipkiss Grommets
- Stainless Steel Rings
- Maxi Rings & Clew Pieces

Webbing:

- Polypropylene Webbing
- Polyester Webbing
- Speciality Webbing
- Webbing Accessories

Insignia & Adhesive:

- Insignia Close
- Insignia Tape
- Sail Repair Tape & Kits
- Sail Numbers & Letters
- Class Insignia

Seaming Tapes:

- Seaming Tape
- Seam Bonding Tape

Zips:

- YKK® Zips

Hook & Loop:

- 'Catchy' Bainbridge
- Velcro®

Thread:

- SunStop 'Anti-Wick' Threads
- PTFE SolarFix Thread
- Serafil Thread
- Hand Sewing Thread & Whipping Twine

Engineered to beat all the competition.

For decades leading sailors and yachtsmen have relied on Aquabatten. Thanks to the unique 'tapered by design' construction, Aquabatten delivers finer tips with thicker ends - resulting in a maximum force and strength through the batten length.

- ◆ Unique layering process reduces the risk of inter-laminar bond failure
- ◆ No filaments cut in tapering process - unique laminate construction encapsulated in a multi layer outer casing
- ◆ Minimised batten failure - reduces replacement costs
- ◆ Construction reduces stress - maximum stress is dissipated along the batten

By manufacturing the product in an advanced bi-directional scrim lay-up, Aquabatten uses up to 56 laminations which are totally encapsulated; ensuring the inherent strength of the construction is not ground away - which is the case with most other tapered battens. This ensures greater structural integrity, strength and durability:

- ◆ Handles torque stress caused by twist, where uni-directional battens fail
- ◆ Increased durability and strength when the sail is stored or covered
- ◆ Epoxy resin composition gives a stronger, hydrophobic batten which keeps the batten at design weight and eliminates loss of strength in the resin
- ◆ Battens carefully calculated to a specific EI number (stiffness) for easy product selection

Today, **Aquabatten** has been developed to offer the most comprehensive range of widths, lengths and types - designed to suit the very latest sail designs and to continue to offer the very best performance.

In line with market leading sail design software which utilises FEA (Flexible Element Analysis), these systems express batten specifications in terms of an **EI** number. Bainbridge has now engineered **Aquabatten** to cover a balanced range of **EI** numbers, giving the widest possible range to maximise application of **Aquabatten** products in modern sail designs.



Image © RYA/Paul Wyeth

Definition of EI:

EI is an expression of the '**Flexural Rigidity**' of a bar - flexural rigidity is simply defined as the resistance offered by a structure while undergoing bending.

Understanding EI:

E = The stiffness of the material (Young Modulus)

I = The stiffness of the shape (form) itself

Therefore **EI** is the combination of the material and the shape. In combining the two together (**EI**) it delivers a '**common comparator**' which allows you to technically specify the correct batten for that particular part of the sail construction

The higher the **EI**, the 'stiffer' the batten will be. By using **EI** a sail maker has the flexibility of reducing the width of a batten by increasing the thickness, this enables lighter battens to be specified in the sail design - resulting in a lower weight sail delivering improved performance.



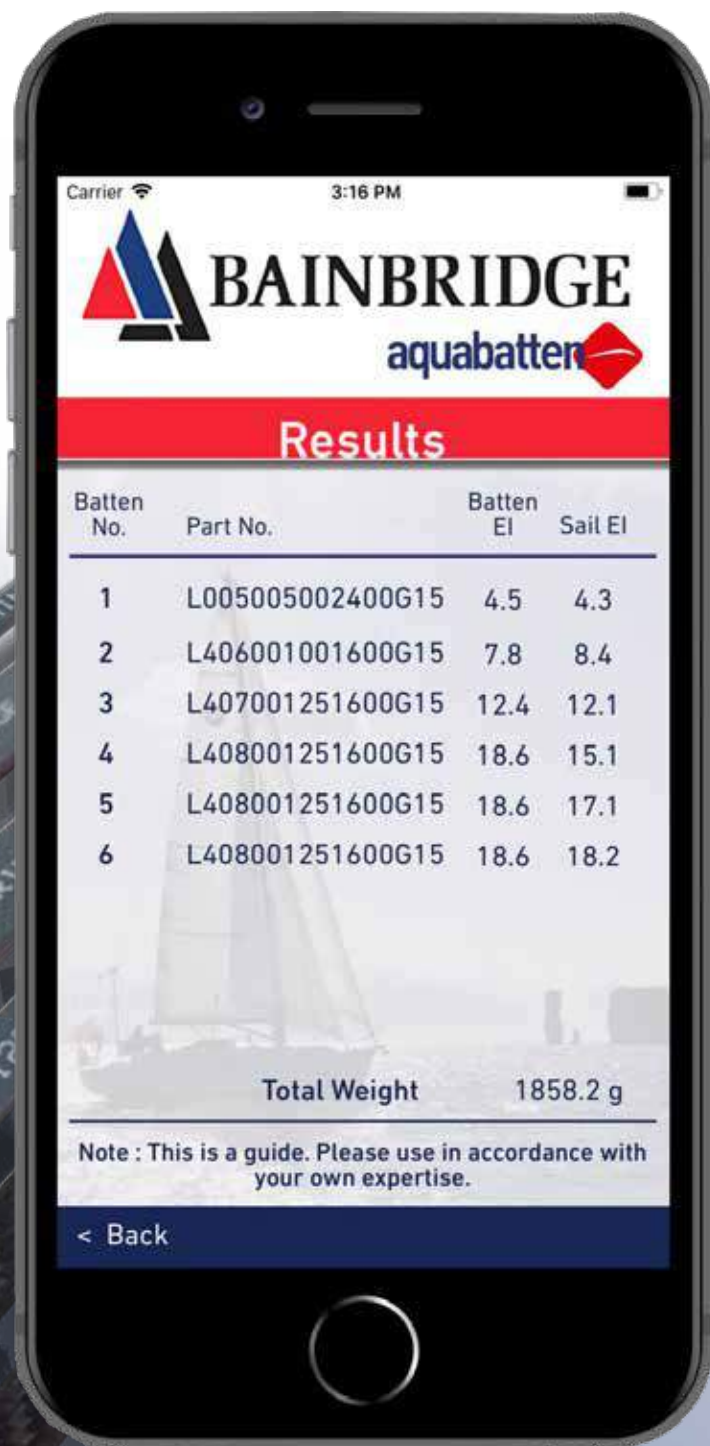
FREE APP

aquabatten

The easy way to choose Battens

The Bainbridge Aquabatten App is designed to help you make your decision when selecting battens for your sail.

By entering the details of your sail and which type of battens you require, the app will give you batten suggestions specific to your sail.



FREE APP to download today by searching **Bainbridge Aquabatten**





Aquabatten Pod

- Stock up on Bainbridge Aquabattens and receive a **NEW POD FREE OF CHARGE!***
- Holds over 100 battens
- The professional way to present battens for point of sale or loft storage
- Easily replenished, with large stocks available for same day despatch

The Battens

- Aquabatten, market leading sail battens for yacht and dinghy
- Glass epoxy and carbon epoxy
- Easy-to-use batten selection app
- Designed and made in the UK

*Free Pod requires minimum order value. Terms & Conditions apply



Dinghy / One Design - L2 Glass Epoxy

- ◆ **PRE-PREG GLASS EPOXY** tapered batten range
- ◆ Unique layering process increases inter-laminar bond
- ◆ Laminate construction encapsulated in a multi layer outer casing minimises batten failure
- ◆ Stress is dissipated along the full length of the batten
- ◆ Handles torque stress caused by twist, where uni-directional pultruded battens can fail



10mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
EXTRA SOFT - 0 to 0.6						
L202001000300G10	Extra Soft	10	2 x 1	0.2	300	Each
L202001000400G10	Extra Soft	10	2 x 1	0.2	400	Each
L202001000500G10	Extra Soft	10	2 x 1	0.2	500	Each
L202001000600G10	Extra Soft	10	2 x 1	0.2	600	Each
L202001000700G10	Extra Soft	10	2 x 1	0.2	700	Each
SOFT - 0.7 to 1.4						
L203001000400G10	Soft	10	3 x 1	0.7	400	Each
L203001000500G10	Soft	10	3 x 1	0.7	500	Each
L203001000600G10	Soft	10	3 x 1	0.7	600	Each
L203001000700G10	Soft	10	3 x 1	0.7	700	Each
L203001000800G10	Soft	10	3 x 1	0.7	800	Each
L203001001000G10	Soft	10	3 x 1	0.7	1000	Each
MEDIUM - 1.5 to 3.0						
L204001000600G10	Medium	10	4 x 1	1.5	600	Each
L204001000700G10	Medium	10	4 x 1	1.5	700	Each
L204001000800G10	Medium	10	4 x 1	1.5	800	Each
L204001001000G10	Medium	10	4 x 1	1.5	1000	Each
L205001000800G10	Medium	10	5 x 1	3	800	Each
L205001000900G10	Medium	10	5 x 1	3	900	Each
L205001001000G10	Medium	10	5 x 1	3	1000	Each
L205001001200G10	Medium	10	5 x 1	3	1200	Each
L205001001400G10	Medium	10	5 x 1	3	1400	Each

Dinghy / One Design - L2 Carbon Epoxy

- ◆ **PRE-PREG CARBON EPOXY** tapered batten range
- ◆ Up to 35% lighter for a given stiffness
- ◆ Unique layering process increases inter-laminar bond
- ◆ Laminate construction encapsulated in a multi layer outer casing minimises batten failure
- ◆ Stress is dissipated along the full length of the batten
- ◆ Increased torque stress resistance (twist), where uni-directional milled pultruded battens can fail



10mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
SOFT - 0 to 0.8						
L202000750300C10	Soft	10	2 x 0.75	0.8	300	Each
L202000750400C10	Soft	10	2 x 0.75	0.8	400	Each
L202000750500C10	Soft	10	2 x 0.75	0.8	500	Each
L202000750600C10	Soft	10	2 x 0.75	0.8	600	Each
L202000750700C10	Soft	10	2 x 0.75	0.8	700	Each
MEDIUM - 0.9 to 3.0						
L203000750400C10	Medium	10	3 x 0.75	3	400	Each
L203000750500C10	Medium	10	3 x 0.75	3	500	Each
L203000750600C10	Medium	10	3 x 0.75	3	600	Each
L203000750700C10	Medium	10	3 x 0.75	3	700	Each
L203000750800C10	Medium	10	3 x 0.75	3	800	Each
STIFF - 3.1 to 13						
L204001000600C10	Stiff	10	4 x 1	7	600	Each
L204001000700C10	Stiff	10	4 x 1	7	700	Each
L204001000800C10	Stiff	10	4 x 1	7	800	Each
L204001000900C10	Stiff	10	4 x 1	7	900	Each
L204001001000C10	Stiff	10	4 x 1	7	1000	Each
L205001000900C10	Stiff	10	5 x 1	13	900	Each
L205001001000C10	Stiff	10	5 x 1	13	1000	Each
L205001001200C10	Stiff	10	5 x 1	13	1200	Each
L205001001400C10	Stiff	10	5 x 1	13	1400	Each

Yacht Battens - L4 Glass Epoxy

- ◆ **PRE-PREG GLASS EPOXY** tapered batten range
- ◆ Unique layering process increases inter-laminar bond
- ◆ Laminated construction encapsulated in a multi layer outer casing minimises batten failure
- ◆ Stress is dissipated along the full length of the batten
- ◆ Handles torque stress caused by twist, where uni-directional pultruded battens can fail



10mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
SOFT - 0 to 1.0						
L402001000300G10	Soft	10	2 x 1	0.2	300	Each
L402001000400G10	Soft	10	2 x 1	0.2	400	Each
L402001000500G10	Soft	10	2 x 1	0.2	500	Each
L402001000600G10	Soft	10	2 x 1	0.2	600	Each
L402001000700G10	Soft	10	2 x 1	0.2	700	Each
L402001000800G10	Soft	10	2 x 1	0.2	800	Each
L403001000500G10	Soft	10	3 x 1	0.7	500	Each
L403001000600G10	Soft	10	3 x 1	0.7	600	Each
L403001000700G10	Soft	10	3 x 1	0.7	700	Each
L403001000800G10	Soft	10	3 x 1	0.7	800	Each
L403001001000G10	Soft	10	3 x 1	0.7	1000	Each
MEDIUM - 1.5 to 3.0						
L404001000500G10	Medium	10	4 x 1	1.5	500	Each
L404001000600G10	Medium	10	4 x 1	1.5	600	Each
L404001000700G10	Medium	10	4 x 1	1.5	700	Each
L404001000800G10	Medium	10	4 x 1	1.5	800	Each
L404001001000G10	Medium	10	4 x 1	1.5	1000	Each
L404001001200G10	Medium	10	4 x 1	1.5	1200	Each
L404001001400G10	Medium	10	4 x 1	1.5	1400	Each
L405001000700G10	Medium	10	5 x 1	3	700	Each
L405001000800G10	Medium	10	5 x 1	3	800	Each
L405001001000G10	Medium	10	5 x 1	3	1000	Each
L405001001200G10	Medium	10	5 x 1	3	1200	Each
L405001001400G10	Medium	10	5 x 1	3	1400	Each
STIFF - 5.2 <						
L406001001000G10	Stiff	10	6 x 1	5.2	1000	Each
L406001001200G10	Stiff	10	6 x 1	5.2	1200	Each
L406001001400G10	Stiff	10	6 x 1	5.2	1400	Each

15mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
SOFT - 0 to 1.0						
L402001000300G15	Soft	15	2 x 1	0.3	300	Each
L402001000500G15	Soft	15	2 x 1	0.3	500	Each
L402001000600G15	Soft	15	2 x 1	0.3	600	Each
L403001000400G15	Soft	15	3 x 1	1	400	Each
L403001000500G15	Soft	15	3 x 1	1	500	Each
L403001000600G15	Soft	15	3 x 1	1	600	Each
L403001000700G15	Soft	15	3 x 1	1	700	Each
L403001000800G15	Soft	15	3 x 1	1	800	Each
L403001001000G15	Soft	15	3 x 1	1	1000	Each
L403001001200G15	Soft	15	3 x 1	1	1200	Each
MEDIUM - 1.1 to 4.5						
L404001000600G15	Medium	15	4 x 1	2.3	700	Each
L404001000700G15	Medium	15	4 x 1	2.3	800	Each
L404001000800G15	Medium	15	4 x 1	2.3	800	Each
L404001001000G15	Medium	15	4 x 1	2.3	1000	Each
L404001001200G15	Medium	15	4 x 1	2.3	1200	Each
L404001001400G15	Medium	15	4 x 1	2.3	1400	Each
L404001001600G15	Medium	15	4 x 1	2.3	1600	Each
L404001001800G15	Medium	15	4 x 1	2.3	1800	Each
L404001002000G15	Medium	15	4 x 1	2.3	2000	Each
L405001000700G15	Medium	15	5 x 1	4.5	700	Each
L405001000800G15	Medium	15	5 x 1	4.5	800	Each
L405001001000G15	Medium	15	5 x 1	4.5	1000	Each
L405001001200G15	Medium	15	5 x 1	4.5	1200	Each
L405001001400G15	Medium	15	5 x 1	4.5	1400	Each
L405001001600G15	Medium	15	5 x 1	4.5	1600	Each
L405001001800G15	Medium	15	5 x 1	4.5	1800	Each
L405001002000G15	Medium	15	5 x 1	4.5	2000	Each
L405001002200G15	Medium	15	5 x 1	4.5	2000	Each
STIFF - 4.6 to 12.4						
L406001000800G15	Stiff	15	6 x 1	7.8	800	Each
L406001001000G15	Stiff	15	6 x 1	7.8	1000	Each
L406001001200G15	Stiff	15	6 x 1	7.8	1200	Each
L406001001400G15	Stiff	15	6 x 1	7.8	1400	Each
L406001001600G15	Stiff	15	6 x 1	7.8	1600	Each
L406001001800G15	Stiff	15	6 x 1	7.8	1800	Each
L406001002000G15	Stiff	15	6 x 1	7.8	2000	Each
L406001002200G15	Stiff	15	6 x 1	7.8	2200	Each
L406001002400G15	Stiff	15	6 x 1	7.8	2400	Each
L407001251000G15	Stiff	15	7 x 1.25	12.4	1000	Each
L407001251200G15	Stiff	15	7 x 1.25	12.4	1200	Each
L407001251400G15	Stiff	15	7 x 1.25	12.4	1400	Each
L407001251600G15	Stiff	15	7 x 1.25	12.4	1600	Each
L407001251800G15	Stiff	15	7 x 1.25	12.4	1800	Each
L407001252000G15	Stiff	15	7 x 1.25	12.4	2000	Each
L407001252200G15	Stiff	15	7 x 1.25	12.4	2200	Each
L407001252400G15	Stiff	15	7 x 1.25	12.4	2400	Each
EXTRA STIFF - 18.6 <						
L408001251400G15	Extra Stiff	15	8 x 1.25	18.6	1400	Each
L408001251600G15	Extra Stiff	15	8 x 1.25	18.6	1600	Each
L408001251800G15	Extra Stiff	15	8 x 1.25	18.6	1800	Each
L408001252000G15	Extra Stiff	15	8 x 1.25	18.6	2000	Each
L408001252200G15	Extra Stiff	15	8 x 1.25	18.6	2200	Each
L408001252400G15	Extra Stiff	15	8 x 1.25	18.6	2400	Each



20mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
SOFT - < 6						
L405001000800G20	Soft	20	5 x 1	6	800	Each
L405001001000G20	Soft	20	5 x 1	6	1000	Each
L405001001200G20	Soft	20	5 x 1	6	1200	Each
L405001001400G20	Soft	20	5 x 1	6	1400	Each
L405001001600G20	Soft	20	5 x 1	6	1600	Each
MEDIUM - 6.1 to 16.6						
L406001000800G20	Medium	20	6 x 1	10.4	800	Each
L406001001000G20	Medium	20	6 x 1	10.4	1000	Each
L406001001200G20	Medium	20	6 x 1	10.4	1200	Each
L406001001400G20	Medium	20	6 x 1	10.4	1400	Each
L406001001600G20	Medium	20	6 x 1	10.4	1600	Each
L406001001800G20	Medium	20	6 x 1	10.4	1800	Each
L406001002000G20	Medium	20	6 x 1	10.4	2000	Each
L406001002200G20	Medium	20	6 x 1	10.4	2200	Each
L406001002400G20	Medium	20	6 x 1	10.4	2400	Each
L407001251000G20	Medium	20	7 x 1.25	16.6	1000	Each
L407001251200G20	Medium	20	7 x 1.25	16.6	1200	Each
L407001251400G20	Medium	20	7 x 1.25	16.6	1400	Each
L407001251600G20	Medium	20	7 x 1.25	16.6	1600	Each
L407001251800G20	Medium	20	7 x 1.25	16.6	1800	Each
L407001252000G20	Medium	20	7 x 1.25	16.6	2000	Each
L407001252200G20	Medium	20	7 x 1.25	16.6	2200	Each
L407001252400G20	Medium	20	7 x 1.25	16.6	2400	Each
STIFF - 16.7 to 35.2						
L408001251400G20	Stiff	20	8 x 1.25	24.7	1400	Each
L408001251600G20	Stiff	20	8 x 1.25	24.7	1600	Each
L408001251800G20	Stiff	20	8 x 1.25	24.7	1800	Each
L408001252000G20	Stiff	20	8 x 1.25	24.7	2000	Each
L408001252200G20	Stiff	20	8 x 1.25	24.7	2200	Each
L408001252400G20	Stiff	20	8 x 1.25	24.7	2400	Each
L409001251600G20	Stiff	20	9 x 1.25	35.2	1600	Each
L409001251800G20	Stiff	20	9 x 1.25	35.2	1800	Each
L409001252000G20	Stiff	20	9 x 1.25	35.2	2000	Each
L409001252200G20	Stiff	20	9 x 1.25	35.2	2200	Each
L409001252400G20	Stiff	20	9 x 1.25	35.2	2400	Each
EXTRA STIFF - 48.3 <						
L410001751800G20	Extra Stiff	20	10 x 1.75	48.3	1800	Each
L410001752000G20	Extra Stiff	20	10 x 1.75	48.3	2000	Each
L410001752200G20	Extra Stiff	20	10 x 1.75	48.3	2200	Each
L410001752400G20	Extra Stiff	20	10 x 1.75	48.3	2400	Each
L411001752000G20	Extra Stiff	20	11 x 1.75	64.3	2000	Each
L411001752200G20	Extra Stiff	20	11 x 1.75	64.3	2200	Each
L411001752400G20	Extra Stiff	20	11 x 1.75	64.3	2400	Each
L412002002200G20	Extra Stiff	20	12 x 2	83.5	2200	Each
L412002002400G20	Extra Stiff	20	12 x 2	83.5	2400	Each

25mm Battens

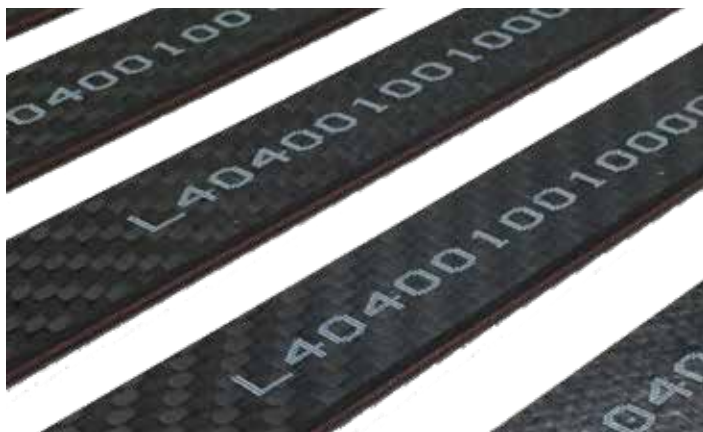
Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
MEDIUM - 44						
L409001251200G25	Medium	25	9 x 1.25	44	1200	Each
L409001251400G25	Medium	25	9 x 1.25	44	1400	Each
L409001251600G25	Medium	25	9 x 1.25	44	1600	Each
L409001251800G25	Medium	25	9 x 1.25	44	1800	Each
L409001252000G25	Medium	25	9 x 1.25	44	2000	Each
L409001252200G25	Medium	25	9 x 1.25	44	2200	Each
L409001252400G25	Medium	25	9 x 1.25	44	2400	Each
STIFF - 44.1 to 80.4						
L410001751400G25	Stiff	25	10 x 1.75	60.4	1400	Each
L410001751600G25	Stiff	25	10 x 1.75	60.4	1600	Each
L410001751800G25	Stiff	25	10 x 1.75	60.4	1800	Each
L410001752000G25	Stiff	25	10 x 1.75	60.4	2000	Each
L410001752200G25	Stiff	25	10 x 1.75	60.4	2200	Each
L410001752400G25	Stiff	25	10 x 1.75	60.4	2400	Each
L411001751600G25	Stiff	25	11 x 1.75	80.4	1600	Each
L411001751800G25	Stiff	25	11 x 1.75	80.4	1800	Each
L411001752000G25	Stiff	25	11 x 1.75	80.4	2000	Each
L411001752200G25	Stiff	25	11 x 1.75	80.4	2200	Each
L411001752400G25	Stiff	25	11 x 1.75	80.4	2400	Each
EXTRA STIFF - 80.5 <						
L412002001800G25	Extra Stiff	25	12 x 2	104.4	1800	Each
L412002002000G25	Extra Stiff	25	12 x 2	104.4	2000	Each
L412002002200G25	Extra Stiff	25	12 x 2	104.4	2200	Each
L412002002400G25	Extra Stiff	25	12 x 2	104.4	2400	Each
L413002002000G25	Extra Stiff	25	13 x 2	132.7	2000	Each
L413002002200G25	Extra Stiff	25	13 x 2	132.7	2200	Each
L413002002400G25	Extra Stiff	25	13 x 2	132.7	2400	Each
L414002002000G25	Extra Stiff	25	14 x 2	165.8	2000	Each
L414002002200G25	Extra Stiff	25	14 x 2	165.8	2200	Each
L414002002400G25	Extra Stiff	25	14 x 2	165.8	2400	Each



Image © RYA/Paul Wyeth

Yacht Battens - L4 Carbon

- ◆ **PRE-PREG CARBON EPOXY** tapered batten range
- ◆ Up to 35% lighter for a given stiffness
- ◆ Unique layering process increases inter-laminar bond
- ◆ Laminate construction encapsulated in a multi layer outer casing minimises batten failure
- ◆ Stress is dissipated along the full length of the batten
- ◆ Increased torque stress resistance (twist), where uni-directional milled pultruded battens can fail



10mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
MEDIUM - 0 to 7						
L403000750800C10	Medium	10	3 x 0.75	3	800	Each
L403000751000C10	Medium	10	3 x 0.75	3	1000	Each
L403000751200C10	Medium	10	3 x 0.75	3	1200	Each
L403000751400C10	Medium	10	3 x 0.75	3	1400	Each
L404001001000C10	Medium	10	4 x 1	7	1000	Each
L404001001200C10	Medium	10	4 x 1	7	1200	Each
L404001001400C10	Medium	10	4 x 1	7	1400	Each
L404001001600C10	Medium	10	4 x 1	7	1600	Each
L404001001800C10	Medium	10	4 x 1	7	1800	Each
STIFF - 7.1 to 19						
L405001001200C10	Stiff	10	5 x 1	13	1200	Each
L405001001400C10	Stiff	10	5 x 1	13	1400	Each
L405001001600C10	Stiff	10	5 x 1	13	1600	Each
L405001001800C10	Stiff	10	5 x 1	13	1800	Each
L405001002000C10	Stiff	10	5 x 1	13	2000	Each
L405001002200C10	Stiff	10	5 x 1	13	2200	Each

15mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
STIFF - 7.1 to 19						
L405001001200C15	Stiff	15	5 x 1	19	1200	Each
L405001001400C15	Stiff	15	5 x 1	19	1400	Each
L405001001600C15	Stiff	15	5 x 1	19	1600	Each
L405001001800C15	Stiff	15	5 x 1	19	1800	Each
L405001002000C15	Stiff	15	5 x 1	19	2000	Each

20mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
EXTRA STIFF - 19.1 to 25						
L405001001600C20	Extra Stiff	20	5 x 1	25	1600	Each
L405001001800C20	Extra Stiff	20	5 x 1	25	1800	Each
L405001002000C20	Extra Stiff	20	5 x 1	25	2000	Each
L405001002200C20	Extra Stiff	20	5 x 1	25	2200	Each
L405001002400C20	Extra Stiff	20	5 x 1	25	2400	Each



Uniform Battens - L0 Glass Epoxy

- ◆ **PRE-PREG GLASS EPOXY** untapered batten range
- ◆ Unique layering process increases inter-laminar bond
- ◆ Laminate construction encapsulated in a multi layer outer casing minimises batten failure
- ◆ Stress is dissipated along the full length of the batten
- ◆ Handles torque stress caused by twist, where uni-directional pultruded battens can fail



10mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
EXTRA SOFT - < 0.9						
L001001002400G10	Extra Soft	10	1 x 1	0.1	2400	Each
L001601602400G10	Extra Soft	10	1.6 x 1.6	0.15	2400	Each
L002002002400G10	Extra Soft	10	2 x 2	0.2	2400	Each
L003003002400G10	Extra Soft	10	3 x 3	0.7	2400	Each
SOFT - 1.0 to 4.4						
L004004002400G10	Soft	10	4 x 4	1.5	2400	Each
L005005002400G10	Soft	10	5 x 5	3	2400	Each
MEDIUM - 4.5 to 10.0						
L006006002400G10	Medium	10	6 x 6	5.2	2400	Each

15mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
EXTRA SOFT - < 0.9						
L001001002400G15	Extra Soft	15	1 x 1	0.18	2400	Each
L001601602400G15	Extra Soft	15	1.6 x 1.6	0.23	2400	Each
L002002002400G15	Extra Soft	15	2 x 2	0.3	2400	Each
SOFT - 1.0 to 4.4						
L003003002400G15	Soft	15	3 x 3	1	2400	Each
L004004002400G15	Soft	15	4 x 4	2.3	2400	Each
MEDIUM - 4.5 to 10.0						
L005005002400G15	Medium	15	5 x 5	4.5	2400	Each
L006006002400G15	Medium	15	6 x 6	7.8	2400	Each
STIFF - 10.4 to 24.7						
L007007002400G15	Stiff	15	7 x 7	12.4	2400	Each
L008008002400G15	Stiff	15	8 x 8	18.6	2400	Each

20mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
MEDIUM - 4.5 to 10.0						
L005005002400G20	Medium	20	5 x 5	6	2400	Each
STIFF - 10.4 to 24.7						
L006006002400G20	Stiff	20	6 x 6	10.4	2400	Each
L007007002400G20	Stiff	20	7 x 7	16.6	2400	Each
L008008002400G20	Stiff	20	8 x 8	24.7	2400	Each



Uniform Battens - L0 Carbon

- ◆ **PRE-PREG CARBON EPOXY** untapered Batten Range
- ◆ Up to 35% lighter for a given stiffness
- ◆ Unique layering process increases inter-laminar bond
- ◆ Laminate construction encapsulated in a multi layer outer casing minimises batten failure
- ◆ Stress is dissipated along the full length of the batten
- ◆ Increased torque stress resistance (twist), where uni-directional milled pultruded battens can fail



10mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
SOFT - < 1.2						
L001601602400C10	Soft	10	1.6 x 1.6	0.5	2400	Each
L002002002400C10	Soft	10	2 x 2	0.8	2400	Each
MEDIUM - 1.3 to 10.0						
L003003002400C10	Medium	10	3 x 3	3	2400	Each
L004004002400C10	Medium	10	4 x 4	7	2400	Each
STIFF - 10.1 to 33.0						
L005005002400C10	Stiff	10	5 x 5	13	2400	Each
L006006002400C10	Stiff	10	6 x 6	22	2400	Each

15mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
SOFT - < 1.2						
L001601602400C15	Soft	15	1.6 x 1.6	0.8	2400	Each
L002002002400C15	Soft	15	2 x 2	1.2	2400	Each
MEDIUM - 1.3 to 10.0						
L003003002400C15	Medium	15	3 x 3	4	2400	Each
L004004002400C15	Medium	15	4 x 4	10	2400	Each
STIFF - 10.1 to 33.0						
L005005002400C15	Stiff	15	5 x 5	19	2400	Each
L006006002400C15	Stiff	15	6 x 6	33	2400	Each
EXTRA STIFF - 33.1 <						
L007007002400C15	Extra Stiff	15	7 x 7	52	2400	Each
L008008002400C15	Extra Stiff	15	8 x 8	77	2400	Each

20mm Battens

Part No.	Stiffness	Width (mm)	Thickness (mm)	EI Number	Length (mm)	UOM
EXTRA STIFF - 33.1 <						
L006006002400C20	Extra Stiff	20	6 x 6	44	2400	Each
L007007002400C20	Extra Stiff	20	7 x 7	69	2400	Each
L008008002400C20	Extra Stiff	20	8 x 8	103	2400	Each

Batten Connectors



- **Manufactured in 316 stainless steel**
- **Available in 8,10,12,14,16 & 20mm ID**
- **Compatible with ALL Bainbridge pultruded rod batten stock**
- **Simple mechanical fix to link battens**
- **Same size screw throughout range enables a 'tapered' rod batten**
- **Genuine Bainbridge UK manufactured item**
- **EXCLUSIVE to Bainbridge**
- **Fix the batten to connector with J43* tapes or glue**

Part No.	Internal Dia. (mm)	Material	Pack Qty
BC08S	8	Stainless Steel	Each
BC10S	10	Stainless Steel	Each
BC12S	12	Stainless Steel	Each
BC14S	14	Stainless Steel	Each
BC16S	16	Stainless Steel	Each
BC20S	20	Stainless Steel	Each

NEW



For more
information
see page

50

Pultruded Flat Battens

- ◆ These low cost, quality pultrusions are tough and durable
- ◆ 30CT styles offer logical increases in stiffness and compliment the Sailman battens range
- ◆ Allows consistent use of batten pocket and luff box
- ◆ 16HCP is used by most of the new skiff type dinghy classes
- ◆ Only available in full lengths except:
30CT031R | 30CT044R | 30CT052R are sold in 30m reels



15CT



15CTST



16HCP



30CT024



30CT031



30CT031R



30CT044



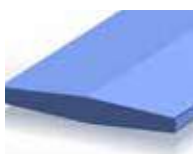
30CT044R



30CT052



40CT



40CTST

Part No.	Dia. (mm)	Length (m)	EI (NM ²)	Weight (g/m)	Colour
15CT	15 x 3.0	6	1.2	60	White
15CTST	15 x 4.0	6	1.7	84	Blue
16HCP	16 x 6.0	6	9.4	108	White
30CT024	30 x 2.0	6	1.1	145	Grey
30CT031	30 x 3.0	6	2.3	188	Grey
30CT031R	30 x 3.0	30	2.3	188	Grey
30CT044	30 x 4.0	6	7.1	266	Grey
30CT044R	30 x 4.0	30	7.1	266	Grey
30CT052	30 x 5.0	6	12.7	215	Grey
30CT052R	30 x 5.0	30	12.7	315	Grey
40CT	38 x 3.0	6	2.8	192	White
40CTST	28 x 5.0	6	12.9	292	Blue



Pultruded Rod Battens

- ◆ Outstanding stiffness to weight combined with low cost make round section pultrusions an excellent choice for full batten applications
- ◆ Considerably better stiffness/weight ratio than flat battens
- ◆ Longer lengths are available against special order



Part No.	Dimensions (mm)	Length (m)	EI (NM ²)	Weight (g/m)	Colour
06R	6	6	3.3	52	White
06R30	6	30	3.3	52	White
06R30BK	6	30	3.3	52	Black
06RBK	6	6	3.3	52	Black
08R	8	6	11.2	88	White
08R30	8	30	10.6	88	White
10R	10	6	25.8	144	White
10R30	10	30	25.8	144	White
12R	12	6	53.6	211	White
14R	14	6	99.2	286	White
16R	16	6	169	364	White
20R	20	6	413	560	White

Batten Connectors **NEW**

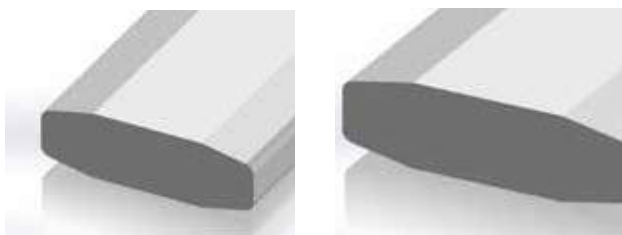
- ◆ Manufactured in 316 stainless steel
- ◆ Available in 8,10,12,14,16 and 20mm ID
- ◆ Compatible with ALL Bainbridge pultruded rod batten stock
- ◆ Simple mechanical fix to link battens
- ◆ Same size screw throughout range enables a 'tapered' Rod batten
- ◆ Genuine Bainbridge UK manufactured item
- ◆ EXCLUSIVE to Bainbridge
- ◆ Fix the batten to connector with J43* tapes or glue



Part No.	Dimensions (mm)	Material	Pack Qty
BC08S	8	Stainless Steel	Each
BC10S	10	Stainless Steel	Each
BC12S	12	Stainless Steel	Each
BC14S	14	Stainless Steel	Each
BC16S	16	Stainless Steel	Each
BC20S	20	Stainless Steel	Each

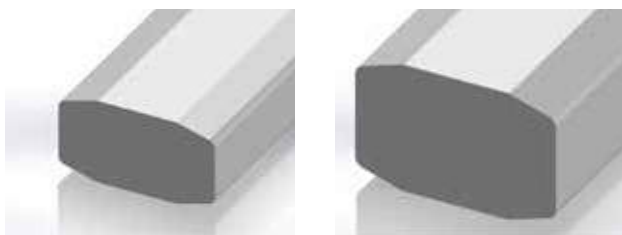
Pultruded Vinylester Battens

- ◆ High quality Vinylester construction
- ◆ Progressive range of stiffness
- ◆ Ideal for full length battens Bridgedeck catamarans, bluewater cruiser for example
- ◆ Only available in full lengths



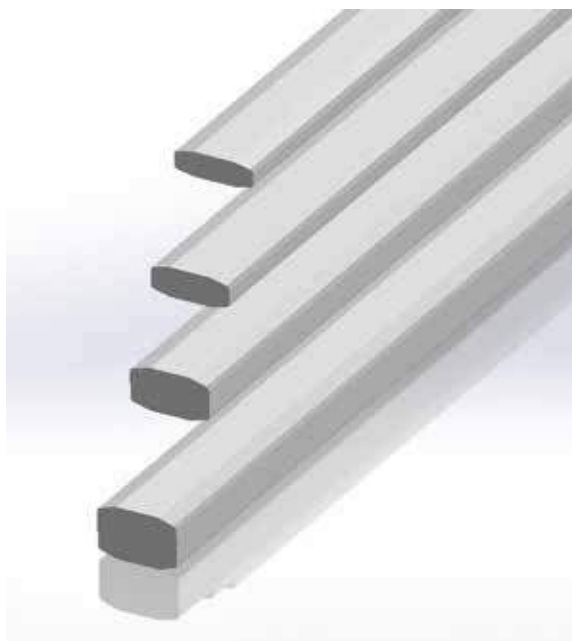
20CV062

20CV080



20CV107

20CV125



Part No.	Dimensions (mm)	Length (m)	EI (NM ²)	Weight (g/m)	Colour
20CV062	20 x 6	12	12.3	212	Grey
20CV080	20 x 8	12	26.5	273	Grey
20CV107	20 x 11	12	63.3	376	Grey
20CV125	20 x 12	12	101	441	Grey



Pultruded Sailman Batten

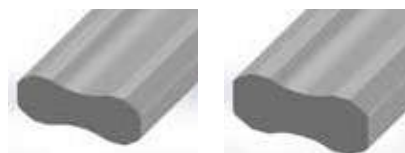
- ◆ High quality vinylester pultrusions delivering ultimate tenacity for demanding full batten applications
- ◆ Profile shape resists 'snaking', whilst offering weight saving aloft
- ◆ They feature a logical and progressive range of stiffness
- ◆ All in a common 30mm width



U30063

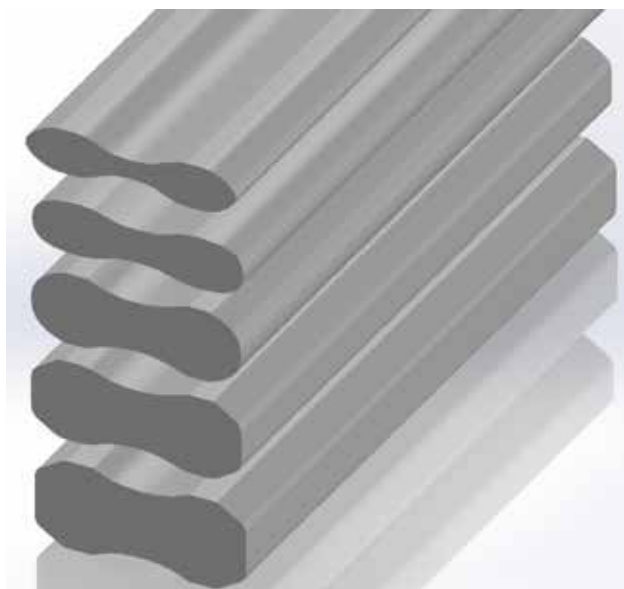
U30076

U30102



U30114

U30127



Part No.	Dimensions (mm)	Length (m)	EI (NM ²)	Weight (g/m)	Colour
U30063	30 x 6.3	12	23.3	293	Grey
U30076	30 x 7.6	12	40.4	382	Grey
U30102	30 x 10.2	12	101.6	530	Grey
U30114	30 x 11.4	12	136.8	618	Grey
U30127	30 x 12.7	12	199.3	704	Grey



Batten Pocket Protectors for Dinghy Sails

- ◆ Semi-circular seat permits wide range of batten angles - A001
- ◆ Smoothly radiused nose gives low friction contact with the mast



Part No.	Max Cavity Depth (mm)	Max Batten Width (mm)	Attachment Type	Pack Qty
A000	15	15	Rivet	10
A001	14	15	Screw	10

Batten Pocket Protectors for Dinghy & Catamaran Sails

- ◆ Semi-circular seat permits wide range of batten angles
- ◆ Smoothly radiused nose gives low friction contact with the mast
- ◆ A004 rivets use C324 closing tool



Part No.	Max Cavity Depth (mm)	Max Batten Width (mm)	Attachment Type	Pack Qty
A002	25	30	Screw	10
A004	25	30	Rivet	10

Batten Pocket Protectors for Catamaran & Full Batten Dinghy Sails

- ◆ Internal shape permits wide range of batten angles
- ◆ High strength design with high load screws to resist end thrust of stiff battens
- ◆ Smoothly radiused nose gives low friction contact with the mast



Part No.	Max Cavity Depth (mm)	Max Batten Width (mm)	Attachment Type	Pack Qty
A302	20	30	Screw	10

Batten Pocket Protectors for Larger Yacht Sails

- ◆ Method of attachment gives excellent resistance to side loads
- ◆ Smoothly radiused nose gives low friction contact with the mast



A005



A006

Part No.	Max Cavity Depth (mm)	Max Batten Width (mm)	Attachment Type	Pack Qty
A005	30	60	Screw	10
A006	25	40	Nut & Bolt	10

Pocket Protectors - Elastic

- ◆ Manufactured from woven elastic which does not narrow under stretch
- ◆ Polyester covering
- ◆ Only available in full rolls
- ◆ E552L is a long life version



Part No.	Roll Length (m)	Width (mm)	UOM
E551	25	19	Metre
E552	25	25	Metre
E552L	50	25	Metre
E553	25	38	Metre

Endcaps for Flat Battens

◆ Use these endcaps for untapered batten styles



15CTECI



15CTECO



**15DXSTECI
10DXSTECI**



**20EC006/010
15EC002/006
10EC002**



25CTJM



30CEC



30CTEC



40CEC



A150



10DECI



10DECO

Part No.	Use with Battens	Overall Width (mm)	UOM
10DXSTECI	L402000750300G10-L406001251400G10	10	Each
10DECO	L402000750300G10-L406001251400G10	10	Each
10DECI	L402000750300G10-L406001251400G10	10	Each
10EC002	Aquabatten 10mm	10	Each
15EC002	Aquabatten 15mm	19	Each
15EC006	Aquabatten 15mm	19	Each
15CTECI	15CT	20	Each
15CTECO	15CT	20	Each
15DXSTECI	15CTST/16HCP	20	Each
20EC006	20CV062/80 - Aquabatten 20mm	23	Each
20EC010	20CV107/125 - Aquabatten 20mm	23	Each
25CTJM	25NTM	28	Each
30CEC	30CT024/30CT031	35	Each
30CTEC	30CT044/30CT052	35	Each
40CEC	40CT/40CTST	42	Each
A150	16HCP	28	Each

Endcaps for Round Battens

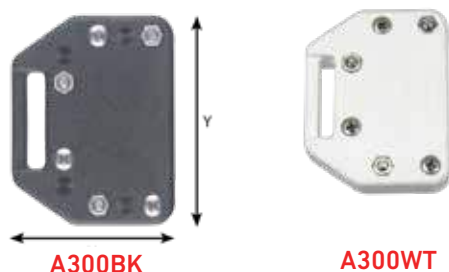
- ◆ Manufactured from nylon
- ◆ Spreads load at end of sail pocket
- ◆ Simple to secure battens in pockets



Part No.	Use with Battens	Width (mm)	UOM
06REC	06R	20	Each
08REC	08R	20	Each
10REC	10R	32.5	Each
12REC	12R	32.5	Each
14REC	14R	50	Each
16REC	16R	50	Each
20REC	20R	50	Each

End Fittings for 30mm Flat Battens

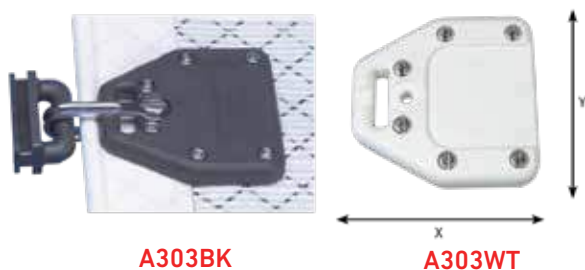
- ◆ Manufactured from reinforced nylon, with Type 316 stainless steel screws
- ◆ Superior backplate/cover design
- ◆ Can be used as a leech fitting or luffbox with Allslip slides
- ◆ Attaches to slide with webbing



Part No.	Max Cavity Depth (mm)	Max Batten Width (mm)	UOM
A300BK	25	30 x 6.5	Each
A300WT	25	30 x 6.5	Each

End Fittings for 45mm Flat Battens

- ◆ Manufactured from reinforced nylon, with Type 316 stainless steel screws
- ◆ Can be used as a leech fitting or luffbox with Allslip slides
- ◆ Attaches to the slide with webbing or with shackle: B303
- ◆ Fitting dimensions: 80mm x 75mm



Part No.	Max Cavity Depth (mm)	Max Batten Width (mm)	UOM
A303BK	47	45 x 7	Each
A303WT	47	46 x 7	Each

Shackle for Attachment of A303

- ◆ Manufactured from Type 316 stainless steel fittings
- ◆ Custom designed for use with A303BK or A303WT



Part No.	Length (mm)	Width (mm)	UOM
B303	42	12	Each

Batten Tensioners & End Fittings

- ◆ Suitable for use with full batten mainsails on catamarans / Skiffs up to 6m/20ft - Ice Boats
- ◆ Attach into size 00 grommets on each side of the batten pockets



Part No.	Max Batten Thickness (mm)	UOM
A082	8	Each

End Fittings for Round Battens

- ◆ Manufactured in reinforced nylon, with Type 316 stainless steel fastenings
- ◆ Can also be used as a leech fitting
- ◆ Compression screws manufactured in Type 316 stainless steel
- ◆ A305 dimensions: 97mm x 44mm
- ◆ A306 dimensions: 130mm x 55mm



Part No.	Comprising	Use with	UOM
A305BK	Grey with backplate & attaching screws / nuts & compression screw	06R - 12R	Each
A305WT	White with backplate & attaching screws / nuts & compression screw	06R - 12R	Each
A305SS	Stainless steel screw	A305	Each
A306BK	Grey with backplate & attaching screws / nuts & compression screw	16R - 20R	Each
A306SS	Stainless steel screw	A306	Each

Micro Fittings for Battens up to 8mm diameter

- ◆ Moulded from reinforced nylon
- ◆ All fittings are in Type 316 stainless steel
- ◆ Can be used as luff or leech box. Connects to slide with M10 thread
- ◆ Fitting dimensions: 80mm x 38mm



Luff



Leech

Part No.	Comprising	Type	UOM
A4081	Box complete with backplate / attaching screws & nuts / compression screw	Leech	Each
A4082	Box complete with backplate / attaching screws & nuts	Luff	Each

Small Fittings for Battens from 10mm to 12mm Diameter

- ◆ Moulded from reinforced nylon
- ◆ All fixings are in light-weight alloy
- ◆ Luff box connects to slide with M10 thread
- ◆ Fitting dimensions: A4122 - 65mm x 50mm
A4121 - 80mm x 50mm



Luff



Leech

Part No.	Comprising	Type	UOM
A4122	Box complete with backplate / attaching screws & nuts	Luff	Each
A4121	Box complete with backplate / attaching screws & nuts / compression screw	Leech	Each

SDA Batten Fittings - Compression Screws

- ◆ Alloy Screw



Part No.	Description	UOM
A4121S	SDA Compression Screws	Each
A4161S	SDA Compression Screws	Each
A4201S	SDA Compression Screws	Each

Medium Fittings for Battens from 12mm to 16mm Diameter

- ◆ Moulded from reinforced nylon
- ◆ All fixings are in light-weight alloy
- ◆ Luff box connects to slide with M10 thread
- ◆ Fitting dimensions: A4162 - 80mm x 50mm
A4161 - 80mm x 50mm



Luff



Leech

Part No.	Comprising	Type	UOM
A4162	Box complete with backplate / attaching screws & nuts	Luff	Each
A4161	Box complete with backplate / attaching screws & nuts / compression screw	Leech	Each

Large Fittings for Battens from 16mm to 20mm Diameter

- ◆ Moulded from reinforced nylon
- ◆ All fixings are in light-weight alloy
- ◆ Luff box connects to slide with M10 thread
- ◆ Fitting dimensions: A4202 - 100mm x 50mm
A4201 - 120mm x 50mm



Luff



Leech

Part No.	Comprising	Type	UOM
A4202	Box complete with backplate / attaching screws & nuts	Luff	Each
A4201	Box complete with backplate / attaching screws & nuts / compression screw	Leech	Each

SDa

Internal Flat Slides - Plastic

- ◆ Injection moulded from nylon 66



Part No.	Width (mm)	Waist (mm)	Length (mm)	Pack Qty
A007	15.8	6.8	30	10
A008	19	9	33	10
A009	22	11	35	10

Internal Flat Slides - Stainless Steel

- ◆ Cast Stainless Steel, electro-polished
- ◆ Low friction PTFE coating



Part No.	Width (mm)	Waist (mm)	Length (mm)	Pack Qty
B307	16	7	40	10
B308	20	7	40	10
B309	22	7	40	10

Proctor Mast Slides

- ◆ Cast stainless steel encapsulated in low friction injection moulded nylon



Part No.	Width (mm)	Waist (mm)	Length (mm)	Pack Qty
B008	21	10	50	10
B009	24	11	50	10
B010	30	16	50	10

Selden Mast Slides - Plastic



A011 / A012

A013 / A014 / A015

Part No.	Width (mm)	Waist (mm)	Length (mm)	Pack Qty
A011	20	8.5	30	10
A012	20	8.5	40	10
A013	11	3	22	10
A014	14	4	30	10
A015	15	4	40	10

Selden Mast Slides - Stainless Steel

- ◆ Cast stainless steel, electro-polished
- ◆ Low friction PTFE coating



Part No.	Width (mm)	Waist (mm)	Length (mm)	Pack Qty
B044	14	4	37	10

Allslip Low Friction Slide

- ◆ Seven profiles to fit most modern spars
- ◆ Precision moulded from glass fibre reinforced plastic with a PTFE impregnation
- ◆ Integral compression pad transfers loads on to aft face of spar
- ◆ A114 is designed for use in Selden sections fitted with flush gates



A107 A108 A109 A114 A116 A117 A118

Part No.	Width (mm)	Waist (mm)	Length (mm)	Pack Qty
A107	15.8	7	45	10
A108	19	9	45	10
A109	22	11	45	10
A114	15.5	4.4	45	10
A116	7.5	4	45	10
A117	8.5	4	45	10
A118	11.5	4	45	10

Internal Slug Slides - Plastic

- ◆ Injection moulded from nylon 66



Part No.	Diameter (mm)	Waist (mm)	Length (mm)	Pack Qty
A016	7.5	3	27	10
A017	9	3	27	10
A018	12	3	27	10

Slug Slides with Welded Stainless Steel Bail

- ◆ Moulded-in welded bail gives maximum strength



Part No.	Diameter (mm)	Waist (mm)	Length (mm)	Pack Qty
A016S	6.9	2.5	27	10
A017S	8	2.5	27	10
A019S	10	3.2	30	10
A018S	11	3.4	30	10

Internal Slug Slides - Stainless Steel

- ◆ Cast stainless steel, electro-polished
- ◆ Low friction PTFE coating



Part No.	Diameter (mm)	Waist (mm)	Length (mm)	Pack Qty
B035	7.5	3.5	37	1
B036	8.6	3.5	37	1
B037	10.5	3.5	37	1

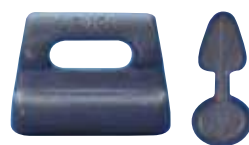
Heavy Duty Slug Slides with Moulded in Bail

- ◆ Injection moulded in low-friction nylon, with captive stainless steel bail
- ◆ A031C is designed for modern dinghy booms with very narrow groove openings
- ◆ Also used as a floating tack to give close-in attachment of sail to mast



Part No.	Width (mm)	Waist (mm)	Length (mm)	Pack Qty
A031C	8	1.7	50	0.1
A031	8	3	50	10
A032	9	3	50	10
A033	12	4	73	10

Internal Slug Slides - Cast Alloy



B101

- ◆ Diecast in aluminium alloy and coated with PTFE



B102



B103

Part No.	Diameter (mm)	Waist (mm)	Length (mm)	UOM
B101	11	2.5	31	Each
B102	11	4	73	Each
B103	12	4	78	Each

Heavy Duty Slug Slides - Stainless Steel

- ◆ Diecast in stainless steel, electro-polished
- ◆ Low friction PTFE coating
- ◆ Can also be used for head slides



Part No.	Diameter (mm)	Waist (mm)	Length (mm)	Pack Qty
B011	7.5	3	74	1
B012	9	3	75	1
B013	12	3	75	1

External Slides - Stainless Steel

- ◆ 316 stainless steel, electro polished slide
- ◆ Specifically designed for external track systems
- ◆ Attach to sail with webbing or lashing
- ◆ Recommend EW352 lacing line for lashing to sail



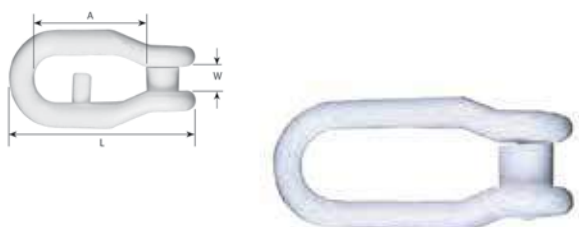
Part No.	Track Size (mm)	Pack Qty
B014SS	15	10
B015SS	22	10
B016SS	25	10



Screw-On Shackles - Plastic

Bainbridge International's plastic shackles are designed for ease of use, high strength and ability to absorb shock loads. The screw design is strongest and permits easy detachment and re-attachment.

- ◆ Injection moulded from a tough nylon to absorb sudden impact loads
- ◆ A027 to be used with A007/A008/A013/A016/A017/A018/A019
- ◆ A026 and A028 to be used with A009/A014
- ◆ Shackles supplied complete with screws

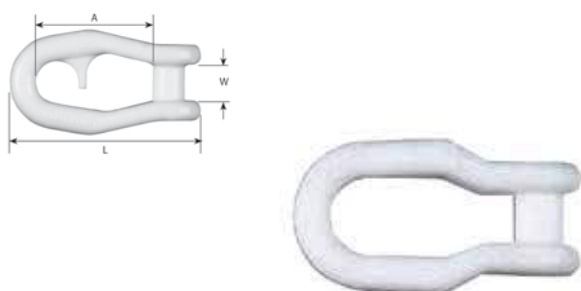


Part No.	Description	A (mm)	L (mm)	W (mm)	Pack Qty
A027	Small/Standard	28	45	10	10
A026	Large/Standard	27	47	11	10
A028	Large/Anti-Jamming	27	47	11	10

Snap-In Shackles - Plastic

Bainbridge International's plastic shackles are designed for ease of use, high strength and ability to absorb shock loads. The unique snap design is often preferred as an easier to fit alternative.

- ◆ Injection moulded from a tough nylon to absorb sudden impact loads
- ◆ Unique design of snap to give reduced elongation under load and higher strength
- ◆ A022 and A023 to be used with A007/A008/A013/A016/A017/A018/A019
- ◆ A021 and A024 to be used with A009/A014

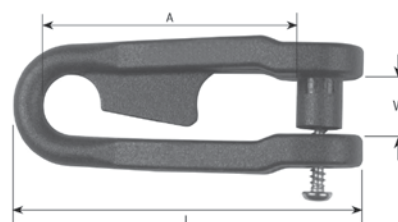


Part No.	Description	A (mm)	L (mm)	W (mm)	Pack Qty
A022	Small/Standard	22	39	10	10
A021	Large/Standard	28	45	11	10
A023	Small/Anti-jamming	22	39	10	10
A024	Large/Anti-jamming	28	45	11	10

Long Reach Screw-On Shackles

The long reach shackle is specifically designed for connecting our regular plastic and Allslip slides to full batten sails including those equipped with Sailman 3000, 3500 and 4000 systems.

- ◆ A035BK to be used with all 7 Allslip slides as well as: A007, A008, A009, A017 and A018
- ◆ Unique anti-jamming design retains the slide at the head of the shackle
- ◆ Colour co-ordinated to match Sailman and Allslip slides
- ◆ Screw-on closure for extra strength, supplied complete



Part No.	A (mm)	L (mm)	W (mm)	Pack Qty
A035BK	45	61	11	1

Screw Shackles - Stainless Steel



Part No.	To Be Used With	L (mm)	W (mm)	Pack Qty
B129	A016S - A018S & B014 - B016	16	10	10
B130	A016S - A018S & B014 - B016	20	10	10
B131	A016S - A018S & B014 - B016	24	10	10
B110	A031 - A033 & B307 - B309	34	15	10

Shackle Protectors

- ◆ Cut from clear vinyl



Part No.	To Be Used With	Dimensions (mm)	Pack Qty
A515	B129	34	100
A516	B130	37	100
A517	B131	51	100
A518	B110	59	100

Twist-On Plastic Jib Hanks

- ◆ Ideal for dinghies, dayboats and sportsboats up to 25ft



A038

A039

Part No.	Size	Forestay Diameter (mm)	Pack Qty
A038	Small	3.5	10
A039	Large	5	10

Swedish Forged Brass Piston Hanks

- ◆ Swedish brass jib hanks are renowned world-wide for quality, reliability and ease of fitting
- ◆ Forged from marine quality brass and fitted with stainless steel spring
- ◆ B516 has a jaw opening of 255mm and internal dimensions of 25mm x 29mm. It is designed for use over forestay systems for storm jibs, not for large genoas



Part No.	Size	Length (mm)	Max. Forestay (mm)	Pack Qty
B510	0	44	8	10
B511	1	52	9	10
B512	2	65	12	10
B513	3	74	15	10
B514	4	82	17	10
B515	5	95	20	10
B516	6	107	-	10

Stainless Steel Jib Hanks

- ◆ Wichard Jib Hanks are easy to install - single handed operation
- ◆ Efficient use - no jamming of the system



Part No.	Wichard Number	Length (mm)	Max. Forestay (mm)	Pack Qty
B506	2486	50	8	1
B504	2483	55	9	1
B507	2487	65	11	1
B505	2489	80	12	1
B508	2488	90	15	1

Bronze Jib Hanks

- ◆ Wichard Jib Hanks are easy to install - single handed operation
- ◆ Efficient use - no jamming of the system



Part No.	Wichard Number	Length (mm)	Max. Forestay (mm)	Pack Qty
B701	72486	50	8	1
B702	72483	55	9	1
B703	72487	65	11	1



Jib Hank Protectors

- ◆ Cut from clear vinyl
- ◆ UK Manufactured

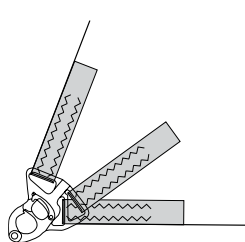


Part No.	To Be Used With	Pack Qty
A511	B506 / B510 / B511 / B701	100
A512	B504 / B507 / B512 / B702 / B703	100
A513	B505 / B513	100
A514	B508 / B514 / B515	100



Tylaska Tack Shackles

- ◆ Allows fast and positive sheet attachment to sail
- ◆ Use as tack fitting on code headsails
- ◆ Single handed operation
- ◆ Working load shown is according to manufacturer's data and is dependent on application



Tylaska

Part No.	Length (mm)	Safe Working Load (KG)	UOM
B710	73	1800	Each

Stainless Steel Tack Hooks

- ◆ Standard and Carbine type
- ◆ Working loads shown are according to manufacturer's data and are dependent on application



B531 / B532



B518 / B519 / B520



B528 / B529



B535



B536

Wichard

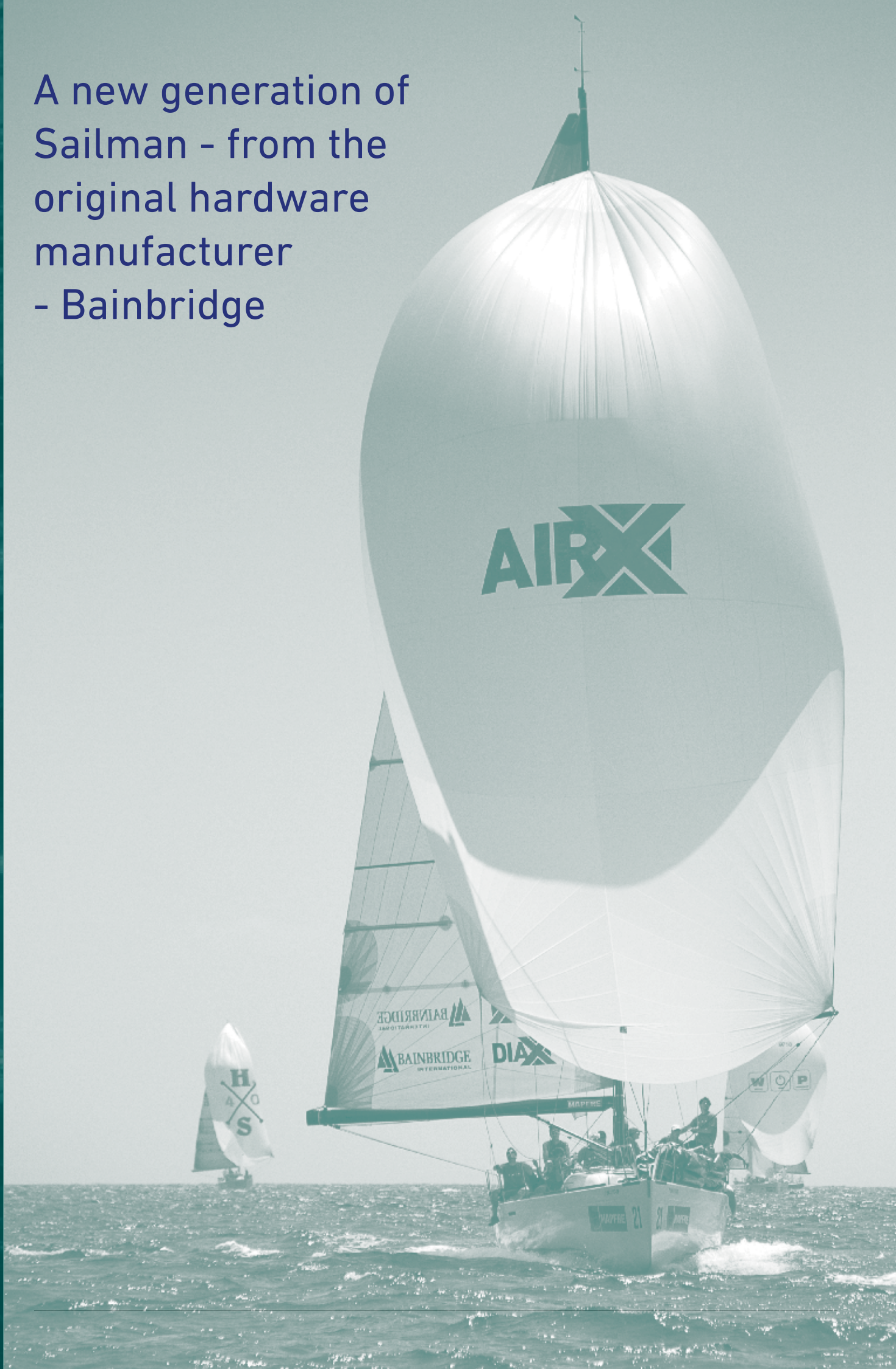
Part No.	Wichard Number	Length (mm)	Safe Working Load (KG)	Pack Qty
B518	2480	50	250	1
B519	2481	75	600	1
B520	2482	100	1400	1
B528	2381	75	1100	1
B529	2382	100	2100	1
B531	2313	60	450	1
B532	2315	80	1100	1
B535	2675	90	1600	1
B536	2678	-	400	1





Hardware

A new generation of
Sailman - from the
original hardware
manufacturer
- Bainbridge





In 1992 the very first Sailman range of products was launched – developed from race proven success, Bainbridge developed an integrated sail handling system designed to work in harmony and bring efficient sail control to the cruising/racing yacht owner.

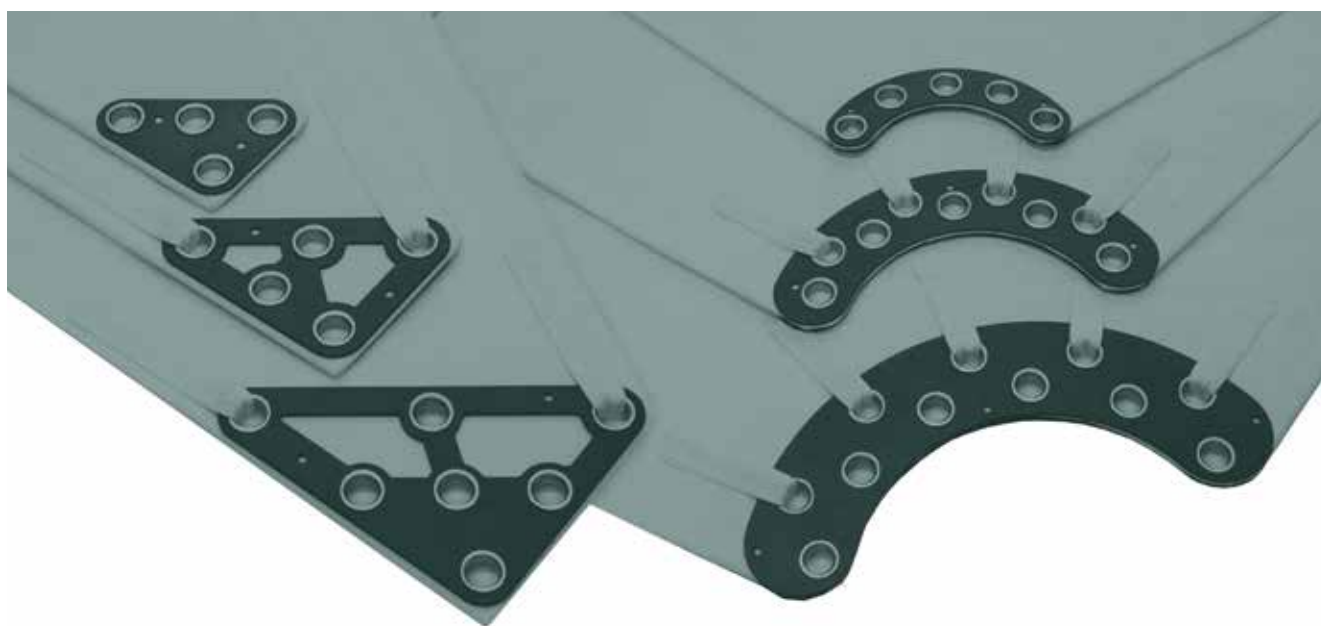
Today Bainbridge has innovated SailmanX – a holistic range. Each component performs individually as part of a varied sail hardware construction. The advantage in performance synergy is clearly evident when used as a complete integrated system.

All of the new products in the Sailman X system have been developed using new thinking to give the utmost flexibility and choice to the Sailmaker – making them easy to work with, and delivering long trouble free service to the boat owner.

Designed using Solidworks 3D modelling and printing, coupled with careful material selection and finishing, SailmanX balances performance, durability and ease of installation.

This can be particularly noted in the aesthetic appearance of products. They incorporate full fillet finishing and careful, consistent hard anodising to create products that not only look good but are smooth to the touch and to the cloth – which they have been designed to work with in harmony.

Following comprehensive research and development, the first products in this new generation are now ready. This extensive research programme ensures that the very latest generation of hardware products are worthy of carrying the name SailmanX.



Headboards & Clewboards



Headboards

A new technical design to accommodate the higher loading conditions of modern yachts and sails.

The use of stainless steel liners allows faster assembly, with small pilot holes to position accurately during installation.

Webbing can be applied for extra security and load holding through the liners.

SailmanX headboards can be used in three orientations with option to drill a hole for a slide bridge, allowing for any required sail offset.

- Smart design gives a strong headboard which is incredibly easy to fit
- Features heavy radius fillet on all edges - sail damage is substantially reduced
- Marine grade alloy – 5083 BS EN 573 3.2009 – highly resistant to sea water
- Designed to fit standard D039S/D039N liners
- The liners complete the assembly making these fast, simple and easy to fit
- Quick fitting thanks to pilot holes for temporary pins - no slipping, forcing or reworking
- No riveting required
- Hole layout allows for headboard to be used in a variety of orientations
- For larger sails headboards can be layered



Weight is for one plate without liners.

SWL given is for installed pair.

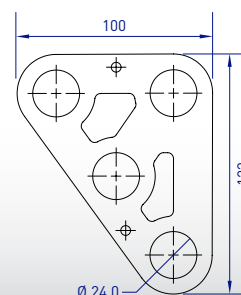
Customer colours available subject to minimum order quantities - please contact Bainbridge for details.



SMALL

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

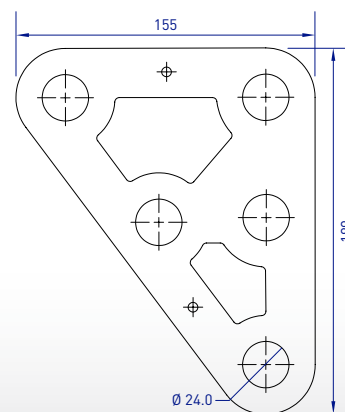
Part #:	HBA912GY	HBA913GY
Material:	5083	5083
Plate:	2mm	3mm
Length:	123mm	123mm
Width:	100mm	100mm
Weight:	32g	48g
Luff:	12m	14m
Area:	35m ²	48m ²
LOA:	30ft	35ft
SWL:	750kg	1,050kg



MEDIUM LARGE

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

Part #:	HBA943GY	HBA944GY
Material:	5083	5083
Plate:	3mm	4mm
Length:	189mm	189mm
Width:	155mm	155mm
Weight:	114g	152g
Luff:	20m	23m
Area:	98m ²	129m ²
LOA:	50ft	56ft
SWL:	1,300kg	2,400kg



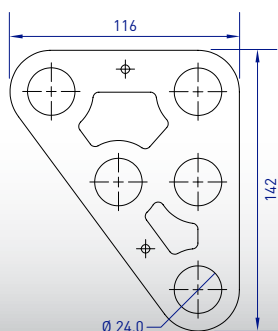


SMALL MEDIUM

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

Part #: **HBA922GY** **HBA923GY**

Material:	5083	5083
Plate:	2mm	3mm
Length:	142mm	142mm
Width:	116mm	116mm
Weight:	41g	61g
Luff:	14m	16m
Area:	48m ²	62m ²
LOA:	35ft	40ft
SWL:	830kg	1,200kg

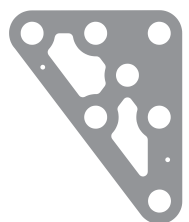
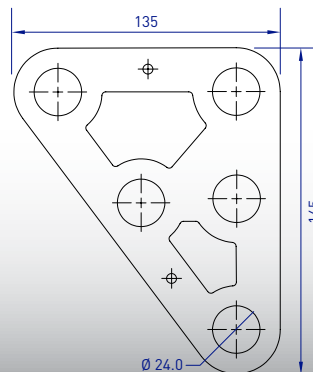


MEDIUM

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

Part #: **HBA932GY** **HBA933GY**

Material:	5083	5083
Plate:	2mm	3mm
Length:	165mm	165mm
Width:	135mm	135mm
Weight:	54g	82g
Luff:	14m	17m
Area:	48m ²	71m ²
LOA:	42.5ft	50ft
SWL:	950kg	1,400kg

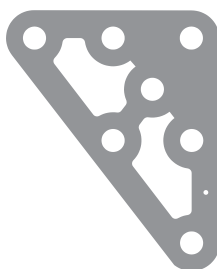
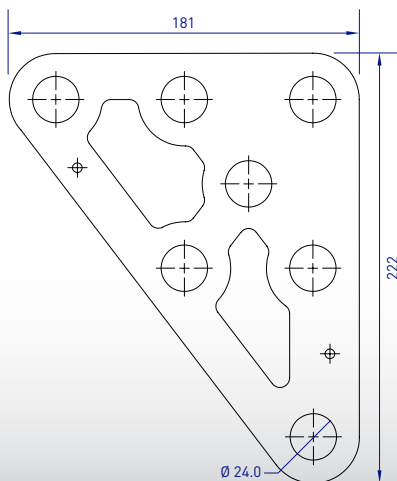


LARGE

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

Part #: **HBA953GY** **HBA954GY**

Material:	5083	5083
Plate:	3mm	4mm
Length:	222mm	222mm
Width:	181mm	181mm
Weight:	150g	200g
Luff:	18m	21m
Area:	79m ²	108m ²
LOA:	45ft	52.5ft
SWL:	1,900kg	2,600kg

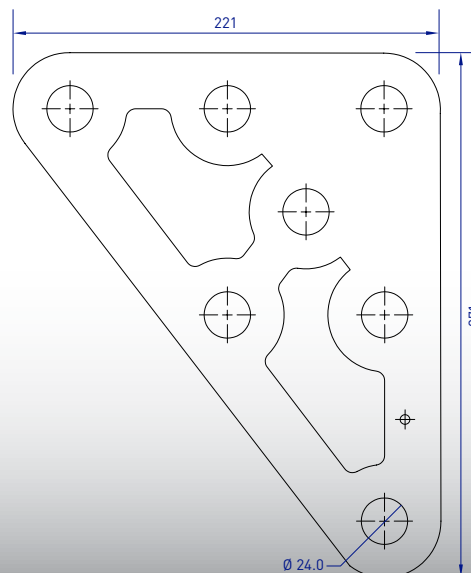


EXTRA LARGE

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

Part #: **HBA963GY** **HBA964GY**

Material:	5083	5083
Plate:	3mm	4mm
Length:	271mm	271mm
Width:	221mm	221mm
Weight:	225g	300g
Luff:	22m	25m
Area:	118m ²	153m ²
LOA:	55ft	62.5ft
SWL:	2,450kg	3,200kg



sailmanx Clewboards

These new Clewboards are strong and easy to fit and are suitable for a large range of yachts.

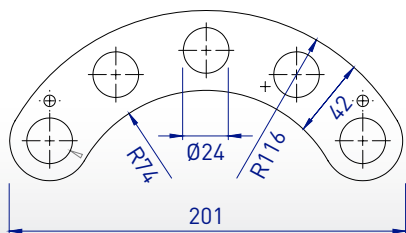
With the increasing popularity of self-tacking jibs they are able to cope with the increased loads created by modern yachts. Made in marine grade aluminium with a hard anodised finish, the use of stainless steel liners allows faster installation. Boards are available in various thicknesses to cover the high loading conditions of these sails.

- New 'Strong Arc' shape – stronger and allows integrated fit and appearance to the sail
- Filleted external edges – on both face and back of plate
- Marine grade alloy – 5083 BS EN 573 3.2009 – highly resistant to sea water
- Designed to fit standard D039S/D039N liners
- The liners complete the assembly making these fast, simple and easy to fit
- Quick fitting thanks to pilot holes for temporary pins - no slipping, forcing or reworking
- No riveting required
- For larger sails clewboards can be layered
- Can be also used in shade sail production

SMALL

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

Part #:	CBA812GY	CBA813GY
Material:	5083	5083
Plate:	2mm	3mm
Length:	201mm	201mm
Width:	42mm	42mm
Weight:	40g	60g
Luff:	13m	15m
Area:	32m ²	38m ²
LOA:	30ft	37.5ft
SWL:	856kg	1,200kg

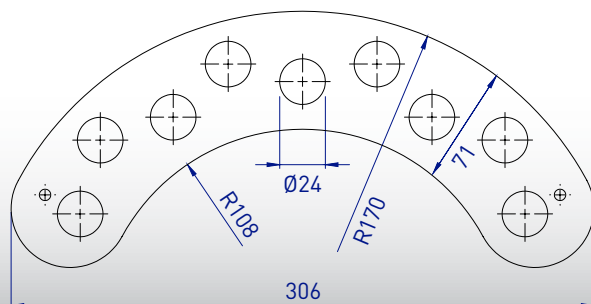


Weight is for one plate without liners. SWL given is for installed pair.

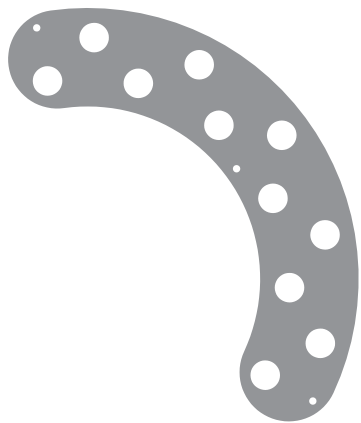
MEDIUM

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

Part #:	CBA833GY	CBA834GY
Material:	5083	5083
Plate:	3mm	4mm
Length:	306mm	306mm
Width:	71mm	71mm
Weight:	140g	186g
Luff:	18m	23m
Area:	55m ²	89m ²
LOA:	45ft	56ft
SWL:	1,748kg	2,500kg



Customer colours available subject to minimum order quantities – please contact Bainbridge for details.

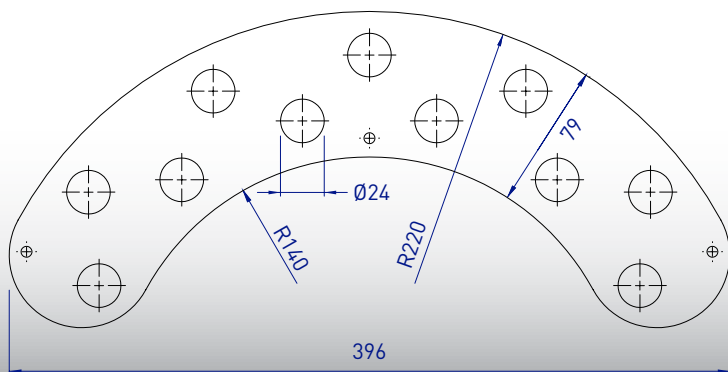


LARGE

- Aluminium with hard anodised finish
- Colour: Anthracite Grey

Part #: CBA853GY CBA854GY

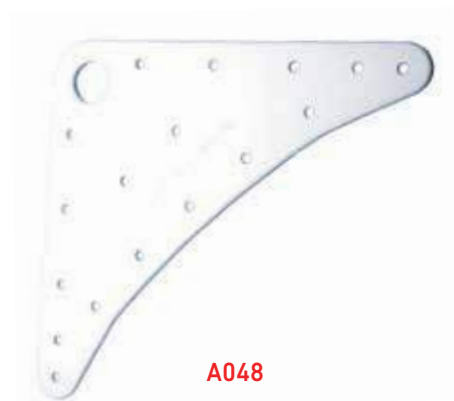
Material:	5083	5083
Plate:	3mm	4mm
Length:	396mm	396mm
Width:	79mm	79mm
Weight:	247g	330g
Luff:	21m	25m
Area:	74m ²	105m ²
LOA:	52ft	62.5ft
SWL:	1,923kg	2,850kg



Dinghy Headboards - Plastic

Plastic headboards meet all major dinghy class rules and are made from rigid nylon.

- ◆ Suitable for a wide range of One Design classes
- ◆ Manufactured from a rigid grade of nylon to give maximum leech support
- ◆ These headboards use D037 liners and D331 rivets



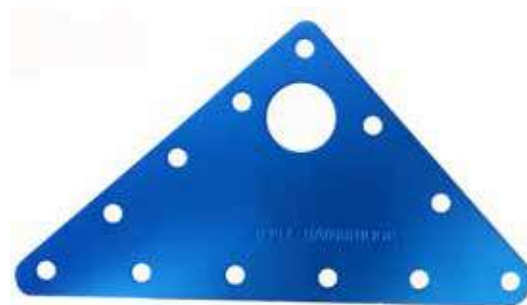
Part No.	Width (mm)	Length (mm)	Colour	Pack Qty
A043	75	100	White	10
A044	100	115	White	10
A045	150	150	White	10
A048	145	145	White	10
A049	115	130	White	10



Dinghy Headboards - Aluminium

Whilst Stocks Lasts

- ◆ This headboard uses D037N liner and D331 rivets



Part No.	Width (mm)	Length (mm)	Thickness (mm)	Colour	Pack Qty
B907N	105	115	1.6	Blue	10

Yacht Headboards - Plastic

- ◆ Moulded from ultra rigid glass-filled nylon
- ◆ Smoothly rounded edges and webbing slots give no sail chafe
- ◆ Smoothly rounded liner hole permits liner to sit flat
- ◆ These headboards use D038 liners and D335 - D339 rivets



Part No.	Width (mm)	Length (mm)	Thickness (mm)	Colour	Pack Qty
A052	115	140	3.5	White	10



Yacht Headboards

**Whilst
Stocks Lasts**

The manufacturing system ensures an extra smooth finish. Burrs that can often wear through webbing and sharp edges that abrade cloth are virtually eliminated.

- ◆ Dual halyard position
- ◆ Manufactured from marine grade aluminium
- ◆ These headboards use D039 liners and D335 - D339 rivets
- ◆ Webbing slot for slide attachment



B908N / B909N



B910N / B911N



B909



B912N / B914N



B910 / B911



B912 / B913 / B914

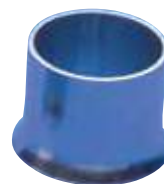
Part No.	Width (mm)	Length (mm)	Thickness (mm)	Colour	Pack Qty
B816	152	200	2	Gold	1
B908N	89	123	1.6	Blue	1
B909	102	130	1.6	Gold	1
B909N	102	130	1.6	Blue	1
B910	115	146	1.6	Gold	1
B910N	115	146	1.6	Blue	1
B911	115	146	3.2	Gold	1
B911N	115	146	3.2	Blue	1
B912	133	165	3.2	Gold	1
B912N	133	165	3.2	Blue	1
B913	153	195	3.2	Gold	1
B914	133	165	1.6	Gold	1
B914N	133	165	1.6	Blue	1

Headboard Liners

- ◆ For use with all SailmanX Headboards and Clewboards
- ◆ D037N, D038N, D039N manufactured from brass with nickel plated finish
- ◆ D039S manufactured from Type 316 stainless steel



**D037N / D038N
/ D039N**



D039S

Part No.	Dia. (mm)	Length (mm)	Use with Closing Tool	Material	Pack Qty
D037N	16	16	C321	Nickel	10
D038N	19	19	C322	Nickel	10
D039N	22	19	C323	Nickel	10
D039S	22	19	C323	Stainless Steel	10



Closing Tools

- ◆ Two piece closing tool for setting with hydraulic press
- ◆ All 3 items are supplied with a handle
- ◆ Add the handle to set the liners by hand with a mallet
- ◆ Do not hit with a steel head hammer or mallet, use a rawhide mallet such as C530 or Maul Master



Part No.	Use with Liners	UOM
C321	D037N	Each
C322	D038	Each
C323	D039N & D039S	Each



Low Friction Rings

- **Lightweight Titanium Low Friction Rings**
- **Non-corrosive and inert - ideal for use in carbon laminate sailcloth**
- **Versatile utility solid ring**
- **Numerous uses on-board, Barber hauler and sheet leads, purchase systems, bridles, clew and reefing rings and blocks**
- **Available in 4 sizes**



Part No.	Bore Dia. (mm)	Overall Dia. (mm)	Overall Width (mm)	Safe working Load (kg)	UOM
AQM5107	7	16	6	740	Each
AQM5110	10	22	8	4300	Each
AQM5115	15	35	11	4800	Each
AQM5120	20	44	17	5700	Each

NEW

Photograph Patrick Condy

For more
information
see page

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Closing Tools

- ◆ For D331 - D339
- ◆ For best results use a rawhide mallet or Maul Master



Part No.	Use with	Pack Qty
C324	D331 - D334 (1/8 inch to 5/32 inch)	Each
C325	D331 - D334 (1/8 inch to 5/32 inch)	Each
C326	D335 - D339 (3/16 inch)	Each

Rivets



Part No.	Diameter (mm)	Length (mm)	Use with Closing Tool	Use with Hole Punch	Pack Qty
D331	3.9	9.5	C325	C102	1000
D332	3.2	9.5	C324	C101	1000
D334	3.9	12.7	C325	C102	1000
D335	4.8	9.5	C326	C103	1000
D336	4.2	12.5	C326	C103	1000
D337	4.8	12.7	C326	C103	1000
D339	4.8	15.9	C326	C103	1000
D380	3	11	-	-	1000
D382	5	11	-	-	1000

Outhaul Blocks

- ◆ A range of mainsail outhaul blocks available to suit boat sizes up to 25 metres
- ◆ Ideal for inmast furling mainsails
- ◆ Manufactured in silver anodised, marine grade aluminium, Kemetal sheaves and carbon fibre rollers
- ◆ Plastic bushes protect webbing from abrasion on B092/3/7



B0901 - B0903



B091 - B097

Part No.	Boat Size (ft)	Rope Size (mm)	Sheave (mm)	SWL (kg)	UOM
B0901	23-32	14	51	453	Each
B0902	23-39	16	76	1360	Each
B0903	32-52	16	95	1587	Each
B091	23-32	8	42	625	Each
B092	23-39	10	50	750	Each
B093	32-52	12	70	1750	Each
B097	46-59	14	100	1750	Each

Titanium Low Friction Rings

NEW

- ◆ Non-corrosive and inert - ideal for use in carbon laminate sailcloth
- ◆ Versatile utility solid ring
- ◆ Numerous uses on-board, Barber hauler, sheet leads, purchase systems, bridles, clew, reefing rings and blocks



Part No.	Bore Dia. (mm)	Overall Dia. (mm)	Overall Width (mm)	Safe working Load (kg)	UOM
AQM5107	7	16	6	740	Each
AQM5110	10	22	8	4300	Each
AQM5115	15	35	11	4800	Each
AQM5120	20	44	17	5700	Each

Leech Line Blocks



A2020

NEW



SPR3522500155 SPR3532060055 SPR35420016A0

Part No.	Description	Rope	UOM
A2020	Dynamic 20mm Single Block	6mm Dia	Each
SPR35420016A0	Lightweight composite block 16 x 5mm	4mm Dia	Each
SPR3532060055	Micro XS Block - Ball Race 19 x 8.3mm	10mm Dia	Each
SPR3522500155	Super Mini Block - Plain Bearing 16 x 6mm	6mm Dia	Each

Gran Segel Cleats

- ◆ An alternative to the popular Clamcleat leech line cleats, the Gran Segel design has the unique feature of fitting compactly around the sail leech. It is a compact and lightweight fitting.



Part No.	Leech Line Size (mm)	Length (mm)	Pack Qty
A054	1.5 - 2	29	10
A055	1.5 - 4	44	10
A059	2 - 4	58	10



Clamcleat Sail Cleats

- ◆ A deceptively simple ridged 'V' groove holds ropes firmly, yet is devoid of any parts to break or seize. It allows the immediate release of the rope by a short upward and backward pull. Most sail cleats can be sewn or rivetted.



Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL212	White	Nylon	2 - 5
CL212A	White	Nylon	-
CL212BP	White	Nylon	-
CL212BPB	Black	Nylon	-
CL212PR	White	Nylon	2 - 5
CL214W	White	Nylon	2 - 5
CL214WPR	White	Nylon	2 - 5
CL221	White	Nylon	0 - 3
CL233	White	Nylon	2 - 6
CL233BP	White	Nylon	-
CL241	Silver	Aluminium	3 - 6
CL241AN	Hard Anodised	Aluminium	3 - 6
CL241ANP	Hard Anodised	Aluminium	3 - 6
CL241PR	Silver	Aluminium	3 - 6
CL267	White	Aluminium & Nylon	2 - 4
CL267R	White	Aluminium & Nylon	2 - 4
CL269	White	Nylon	2 - 4
CL269R	White	Nylon	2 - 4
CL273	Silver	Aluminium	3 - 6
CL273AN	Hard Anodised	Aluminium	3 - 6
CL273ANP	Hard Anodised	Aluminium	3 - 6
CL273PR	Silver	Aluminium	3 - 6

Clamcleat Cub



CL232

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL232	Black	Nylon	3 - 6

Clamcleat Auto-Release Cleats

- ◆ Flips up to release the rope when a set load is exceeded. Easily re-set or adjusted for different release loads, even out on the water.



Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL257	Silver / Black	Aluminium & Acetal	4 - 6

Clamcleat Bollard Cleats



CL208



CL210

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL208	Black	Nylon	6 - 10
CL210	Black	Nylon	10 - 16

Clamcleat Jamming Cleats



CL202



CL206



CL207

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL202	Black	Nylon	6 - 10
CL206	Black	Nylon	6 - 10
CL207	Black	Nylon	6 - 10



Clamcleat Accessories



CL814

CL815

CL816

Part No.	Colour / Finish	Material
CL814	Black	Acetal
CL815	Black	Acetal
CL816	Black & Silver	Nylon & Stainless Steel
CL817	Black & Silver	Nylon & Stainless Steel
CL818	Black	Polypropylene
CL819	Black	Polypropylene

Clamcleat Cleats for Ropes to 8mm



CL209

CL215W



CL215

CL231



CL254

CL254AN



CL803



Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL209	Black	Nylon	4 - 8
CL215	Black	Nylon	4 - 8
CL215W	White	Nylon	4 - 8
CL231	Black	Nylon	4 - 8
CL254	Silver	Aluminium	4 - 8
CL254AN	Hard Anodised	Aluminium	4 - 8
CL803	Black	Polypropylene	-

Clamcleat Cleats for Ropes to 12mm



CL219

CL219AN



CL228

CL804

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL219	Silver	Aluminium	6 - 12
CL219AN	Hard Anodised	Aluminium	6 - 12
CL228	Black	Nylon	6 - 12
CL804	Black	Polypropylene	-

Clamcleat Cleats for Ropes to 16mm



CL205

CL220



CL2245

CL805

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL205	Black	Nylon	10 - 16
CL220	Silver	Aluminium	12 - 16
CL2245	Silver	Stainless Steel	-
CL805	Black	Polypropylene	-

Clamcleat Fairlead Cleats



CL203



CL211MK1



CL211MK2AN



CL263



CL263W



CL270



CL272



CL277



CL278AN



CL702



CL704



CL704AN

Part No.	Colour / Finish	Rope Diameter (mm)
CL203	Black	3 - 6
CL203W	White	3 - 6
CL211MK1	Silver	3 - 6
CL211MK1AN	Hard Anodised	3 - 6
CL211MK1VB	Vibro	3 - 6
CL211MK2	Silver	3 - 6
CL211MK2AN	Hard Anodised	3 - 6
CL211MK2ANS2	Hard Anodised	3 - 6
CL211MK2S2	Hard Anodised	3 - 6
CL263	Black	1 - 4
CL263W	White	1 - 4
CL268	Silver	1 - 4
CL268AN	Hard Anodised	1 - 4
CL270	Silver	1 - 4
CL270AN	Hard Anodised	1 - 4
CL272	Black	3 - 6
CL272W	White	3 - 6
CL277	Silver	1 - 4
CL277AN	Hard Anodised	1 - 4
CL278	Silver	1 - 4
CL278AN	Hard Anodised	1 - 4
CL702	Silver	3 - 6
CL702AN	Hard Anodised	3 - 6
CL704	Silver	3 - 6
CL704AN	Hard Anodised	3 - 6

Clamcleat Fine Line Cleats



CL203



CL211MK1



CL211MK2AN



CL263



CL263W



CL270

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL213	Black	Nylon	2 - 5
CL214	Black	Nylon	2 - 5
CL258	Silver	Aluminium	3 - 6
CL258AN	Hard Anodised	Aluminium	3 - 6
CL258ANP	Hard Anodised	Aluminium	3 - 6
CL258PR	Silver	Aluminium	3 - 6
CL259	Silver	Aluminium	3 - 6
CL259AN	Hard Anodised	Aluminium	3 - 6
CL259ANP	Hard Anodised	Aluminium	3 - 6
CL259PR	Silver	Aluminium	3 - 6

Clamcleat Insert Cleats

- ◆ CL712, CL175 and CL176 have been designed to snap-fit into a plastic moulding to combine the strength of an alloy cleat with the lower cost of a moulded component.



CL243



CL710



CL712



CL715



CL716

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL243	Black	Nylon	3 - 6
CL243S5	Black	Nylon	3 - 6
CL710	Silver	Aluminium	3 - 6
CL712	Silver	Aluminium	2 - 5
CL715	Silver	Aluminium	3 - 5
CL716	Silver	Aluminium	3 - 4

Clamcleat Fairlead Cleats

- ◆ Line Tensioners lock lines securely and are easy to release.
- ◆ Grips the line to resist being shaken loose - even in extreme conditions.
- ◆ Out-performs all existing plastic guy runners.
- ◆ Easy to rig, push up to tension and secure, pull lines apart to release - easy to use even when wearing thick mitts or gloves.



CL260



CL260G



CL266K



CL271NG



CL276W

Part No.	Colour / Finish	Material	Rope Dia. (mm)
CL260	Black	Nylon	2 - 5
CL260G	Glow-in-the-Dark	Nylon	2 - 5
CL260K	Khaki	Nylon	2 - 5
CL260NG	NATO Green	Nylon	2 - 5
CL260W	White	Nylon	2 - 5
CL266	Black	Nylon	1 - 3
CL266G	Glow-in-the-Dark	Nylon	1 - 3
CL266K	Khaki	Nylon	1 - 3
CL266NG	NATO Green	Nylon	1 - 3
CL266W	White	Nylon	1 - 3
CL271	Black	Nylon	4 - 8
CL271G	Glow-in-the-Dark	Nylon	4 - 8
CL271K	Khaki	Nylon	4 - 8
CL271NG	NATO Green	Nylon	4 - 8
CL271W	White	Nylon	4 - 8
CL276	Black	Nylon	3 - 6
CL276G	Glow-in-the-Dark	Nylon	3 - 6
CL276K	Khaki	Nylon	3 - 6
CL276NG	NATO Green	Nylon	3 - 6
CL276W	White	Nylon	3 - 6



Clamcleat Loop Cleats



CL223



CL223W



CL234



CL234W



CL264



CL264AN

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL223	Black	Nylon	3 - 6
CL223W	White	Nylon	3 - 6
CL234	Black	Nylon	6 - 11
CL234W	White	Nylon	6 - 11
CL264	Silver	Aluminium	4 - 6
CL264AN	Hard Anodised	Aluminium	4 - 6

Clamcleat Micros & Mini Cleats



CL204



CL222AN



CL274W



CL275AN



CL802



CL823

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL204	Black	Nylon	3 - 6
CL204W	White	Nylon	3 - 6
CL222	Silver	Aluminium	3 - 6
CL222AN	Hard Anodised	Aluminium	3 - 6
CL274	Black	Nylon	1 - 4
CL274W	White	Nylon	1 - 4
CL275	Silver	Aluminium	1 - 4
CL275AN	Hard Anodised	Aluminium	1 - 4
CL802	Black	Polypropylene	-
CL823	Black	Polypropylene	-



Clamcleat Power Grip Cleats

- ◆ The Power Grip 1 is for single-handed use, allowing you to pull twice the load.
- ◆ Use the Power Grip 2 where even more pulling power and control is required. It is light, strong and easy to carry in your pocket.



Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL249	Silver	Aluminium	3 - 6
CL249AN	Hard Anodised	Aluminium	3 - 6
CL261	Silver	Aluminium	3 - 6
CL262	Silver	Aluminium	3 - 6

Clamcleat Q-Lok, Omega & Cobra Cleats



Part No.	Colour / Finish	Material	Rope Dia. (mm)
CL201	Black	Nylon	6 - 12
CL255	Silver	Aluminium	3 - 6
CL255AN	Hard Anodised	Aluminium	3 - 6
CL5001	Silver	Stainless Steel	3 - 4



Clamcleat Roller Cleats



Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL203WS1	White	Nylon	3 - 6
CL230	Silver	Aluminium	3 - 6
CL230AN	Hard Anodised	Aluminium	4 - 8
CL236	Silver	Aluminium	3 - 6
CL236AN	Hard Anodised	Aluminium	3 - 6
CL253	Silver	Aluminium	4 - 8
CL253AN	Hard Anodised	Aluminium	4 - 8

Clamcleat Aero Cleats

- ◆ Aero bases allow the user to move a cleat along a rope – no tools required.
- ◆ Easy to rig and adjust by hand.



Part No.	Colour / Finish	Rope Diameter (mm)
CL82611AN	Black & Silver	4 - 6
CL82617	Black & Hard Anodised	4 - 6
CL82617AN	Black & Silver	4 - 6
CL82672	Black & Hard Anodised	4 - 6
CL82703	Black	4 - 6
CL82711	Black & Silver	4 - 6
CL82711AN	Black & Hard Anodised	4 - 6
CL82717	Black & Silver	4 - 6
CL82717AN	Black & Hard Anodised	4 - 6
CL82718	Black & Silver	4 - 6
CL82718AN	Black & Hard Anodised	4 - 6
CL82736	Black & Silver	4 - 6
CL82736AN	Black & Hard Anodised	4 - 6
CL82863	Black	3 - 4
CL82868	Black & Silver	3 - 4
CL82868AN	Black & Hard Anodised	3 - 4
CL82870	Black & Silver	3 - 4
CL82870AN	Black & Hard Anodised	3 - 4
CL82877	Black & Silver	3 - 4
CL82877AN	Black & Hard Anodised	3 - 4
CL82911	Black & Silver	3 - 4
CL82911AN	Black & Hard Anodised	3 - 4



Clamcleat Side Entry Cleats



CL217MK1



CL217MK2AN



CL218MK1



CL218MK2AN

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL217MK1	Silver	Aluminium	3 - 6
CL217MK1AN	Hard Anodised	Aluminium	3 - 6
CL217MK2	Silver	Aluminium	3 - 6
CL217MK2AN	Hard Anodised	Aluminium	3 - 6
CL218MK1	Silver	Aluminium	3 - 6
CL218MK1AN	Hard Anodised	Aluminium	3 - 6
CL218MK2	Silver	Aluminium	3 - 6
CL218MK2AN	Hard Anodised	Aluminium	3 - 6

Clamcleat Spring-Gate Cleats

♦ The red gate is flipped up by hand to keep the rope out of the cleat.



CL237



CL238



CL239



CL240

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL237	Black	Nylon	6 - 12
CL238	Silver	Aluminium	6 - 12
CL239	Black	Nylon	10 - 16
CL240	Silver	Aluminium	12 - 16

Clamcleat Tube Cleats



CL204



CL222AN



CL274W



CL275AN



CL802



Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL235	Silver & Black	Aluminium & Nylon	3 - 6
CL244	Black	Nylon	3 - 5
CL252	Silver	Aluminium	4 - 8
CL265	Silver	Aluminium	4 - 8
CL265AN	Hard Anodised	Aluminium	4 - 8

Clamcleat Windsurfing Cleats



CL247



CL248



CL250



CL708

Part No.	Colour / Finish	Material	Rope Diameter (mm)
CL247	Silver	Aluminium	3 - 6
CL248	Silver	Aluminium	3 - 5
CL250	Silver	Aluminium	3 - 5
CL708	Silver	Aluminium	2 - 5



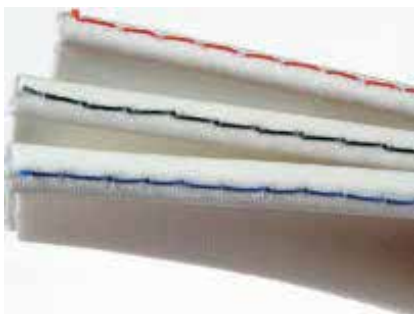
Luff Tape

- ◆ Coloured stitching for easy recognition and simplicity
- ◆ High quality hard braid rope
- ◆ Accurate stitching through genuine Bainbridge sailcloth
- ◆ Constant sizes for accuracy
- ◆ Specific sizes measured to give optimum ease of hoist
- ◆ Packaged in a slim box for ease of handling and storage around the loft

Red -
Up to 5mm

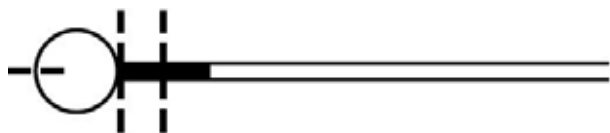
Green -
Up to 6mm

Blue -
Up to 7mm



Super Luff Tape - Single

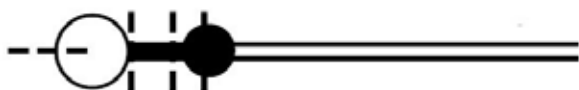
- ◆ Manufactured with first quality 7smoz/300gsm x 100mm tape, sewn as indicated



Part No.	Description	Finished Size (mm)	Colour	Reel Length (m)
L401	Size 5 Single	Up to 5mm	Red	100
L402	Size 6 Single	Up to 6mm	Green	100
L403	Size 7 Single	Up to 7mm	Blue	100

Super Luff Tape - Double

- ◆ Manufactured with first quality 7smoz/300gsm x 125mm tape, sewn as indicated



Part No.	Description	Finished Size (mm)	Colour	Reel Length (m)
L441	Size 5 Double	Up to 5mm	Red	100
L442	Size 6 Double	Up to 6mm	Green	100
L443	Size 7 Double	Up to 7mm	Blue	100

Triple Cord Gemini

- ◆ Imperial sized hard braid luffline
- ◆ Manufactured with first quality 300gsm/7smoz x 125mm tape, sewn as indicated



Part No.	Description	Finished Size (mm)	Reel Length (m)
LU600	Gemini luff tape	3.2 & 5.5	100

Luff Tape - Welded

- ◆ Ultra-sound welded Luff Tape
- ◆ 9 x 9 1100 dtex polyester fabric
- ◆ High quality low stretch hard braid primary rope
- ◆ Lightweight monofilament secondary rope
- ◆ Consistent size and spacing for accuracy
- ◆ Heavier weave polyester tape for extra durability
- ◆ Packaged on a reel for ease of use around the loft



Part No.	Finished Size (mm)	Rope Construction	Colour	Reel Length (m)
LW441BK	5	Double	Black	100
LW441BK300	5	Double	Black	300
LW441WT	5	Double	White	100
LW441WT300	5	Double	White	300

Luff Foam

Foam used to reduce camber (draft) of roller furling sail when partially furled. When sewn on luff in a crescent moon shape there will be more cloth rolled out of the middle than the ends to help flatten the reefed sail

- ◆ Foam padding flattens sail when furled
- ◆ Flatter sail reduces heeling and makes boat easier to steer
- ◆ Easy to cut
- ◆ Does not absorb water
- ◆ Available only on full rolls
- ◆ 1XPE physically cross linked foam
- ◆ 33 kg/m³ density



Part No.	Roll Length (m)	Thickness (mm)	Width (mm)	UOM
LR001025	25	5	1000	Metre



Polyester Sailcloth Tape

- ◆ Hot slit to seal the edges
- ◆ Roll lengths are 100 metres nominal
- ◆ Available only on full rolls
- ◆ Colour: White

Part No.	Width (mm)	Weight		UOM
		GSM	SMOZ	
S40020	20	170	4.0	Metre
S40025	25	170	4.0	Metre
S40030	30	170	4.0	Metre
S40040	40	170	4.0	Metre
S40045	45	170	4.0	Metre
S40050	50	170	4.0	Metre
S40060	60	170	4.0	Metre
S40063	63	170	4.0	Metre
S40070	70	170	4.0	Metre
S40075	75	170	4.0	Metre
S40080	80	170	4.0	Metre
S40100	100	170	4.0	Metre
S40125	125	170	4.0	Metre
S40150	150	170	4.0	Metre
S50025	25	215	5.0	Metre
S50040	40	215	5.0	Metre
S50050	50	215	5.0	Metre
S50060	60	215	5.0	Metre
S50063	63	215	5.0	Metre
S50070	70	215	5.0	Metre
S50075	75	215	5.0	Metre
S50080	80	215	5.0	Metre
S50090	90	215	5.0	Metre
S50100	100	215	5.0	Metre
S50120	120	215	5.0	Metre
S50125	125	215	5.0	Metre
S50350	350	215	5.0	Metre
S60040	40	255	6.0	Metre
S60050	50	255	6.0	Metre
S60060	60	255	6.0	Metre
S60063	63	255	6.0	Metre
S60070	70	255	6.0	Metre
S60075	75	255	6.0	Metre
S60080	80	255	6.0	Metre
S60090	90	255	6.0	Metre
S60100	100	255	6.0	Metre
S60120	120	255	6.0	Metre
S60125	125	255	6.0	Metre
S60150	150	255	6.0	Metre



Part No.	Width (mm)	Weight		UOM
		GSM	SMOZ	
S70060	60	300	7.0	Metre
S70063	63	300	7.0	Metre
S70070	70	300	7.0	Metre
S70075	75	300	7.0	Metre
S70080	80	300	7.0	Metre
S70090	90	300	7.0	Metre
S70095	95	300	7.0	Metre
S70100	100	300	7.0	Metre
S70120	120	300	7.0	Metre
S70125	125	300	7.0	Metre
S70150	150	300	7.0	Metre
S70175	175	300	7.0	Metre
S70250	250	300	7.0	Metre
S80060	60	343	8.0	Metre
S80070	70	343	8.0	Metre
S80075	75	343	8.0	Metre
S80080	80	343	8.0	Metre
S80090	90	343	8.0	Metre
S80100	100	343	8.0	Metre
S80120	120	343	8.0	Metre
S80125	125	343	8.0	Metre
S80150	150	343	8.0	Metre
S80175	175	343	8.0	Metre
S80200	200	343	8.0	Metre
S90065	65	400	9.0	Metre
S90080	80	400	9.0	Metre
S90100	100	400	9.0	Metre
S90120	120	400	9.0	Metre
S90125	125	400	9.0	Metre
S90150	150	400	9.0	Metre



Folded Polyester Tape

- ◆ These tapes are manufactured from Bainbridge polyester sailcloth
- ◆ Hot slit to seal the edges
- ◆ Roll lengths are 100 metres nominal
- ◆ Centre folded and wound onto spool for ease of use in a Sail Loft
- ◆ Part Number / 2 = finished folded width
- ◆ Folded to order



Part No.	Width (mm)	Weight		UOM
		GSM	SMOZ	
S40025F	25	170	4.0	Metre
S40040F	40	170	4.0	Metre
S40050F	50	170	4.0	Metre
S40060F	60	170	4.0	Metre
S40063F	63	170	4.0	Metre
S40080F	80	170	4.0	Metre
S50050F	50	215	5.0	Metre
S50060F	60	215	5.0	Metre
S50063F	63	215	5.0	Metre
S50080F	80	215	5.0	Metre
S50090F	90	215	5.0	Metre
S50100F	100	215	5.0	Metre
S60040F	40	255	6.0	Metre
S60050F	50	255	6.0	Metre
S60060F	60	255	6.0	Metre
S60075F	75	255	6.0	Metre
S60080F	80	255	6.0	Metre
S60100F	100	255	6.0	Metre
S60120F	120	255	6.0	Metre
S70060F	60	300	7.0	Metre
S70070F	70	300	7.0	Metre
S70080F	80	300	7.0	Metre
S70100F	100	300	7.0	Metre
S70120F	120	300	7.0	Metre



6oz Polyester Coloured Sailcloth Tape

- ◆ These tapes are manufactured from Bainbridge polyester sailcloth
- ◆ Hot slit to seal the edges
- ◆ Available only on full rolls
- ◆ Other colours and widths available on request



Part No.	Width (mm)	Weight (GSM)	Colour	UOM
S60063BK	63	270	Black	Metre
S60080BK	80	270	Black	Metre
S60100BK	100	270	Black	Metre

PTFE Tape

- ◆ Profile PTFE yarns are woven into fabric to reduce friction when used in the manufacture of luff tapes
- ◆ Hot slit to seal the edges
- ◆ All rolls are approximately 100m
- ◆ Cut lengths available on request



Part No.	Width (mm)	Weight		UOM
		GSM	SMOZ	
S80080T	80	343	8.0	Metre
S80100T	100	343	8.0	Metre
S80125T	125	343	8.0	Metre

Dyneema Slit Tape

- ◆ 1000 Denier Dyneema® yarns are woven into fabric to reduce friction when used in the manufacture of luff tapes
- ◆ Dyneema increases strength and reduces friction
- ◆ Can be used for batten chafe on full length pockets
- ◆ Low friction, high strength ideal for additional reinforcing at wear points on groove luff mainsails and One Design sails, i.e Cunningham, batten pockets and headboard
- ◆ Hot cut to seal the edges.
- ◆ All white finish
- ◆ All rolls are approximately 100m / 20m



Part No.	Width (mm)	Weight		Reel Length (m)
		GSM	SMOZ	
S80125SP	125	343	8.0	100
S80125SP20	125	343	8.0	20

4oz Polyester Coloured Sailcloth Tape

- ◆ These tapes are manufactured from Bainbridge polyester sailcloth
- ◆ Hot slit to seal the edges
- ◆ All rolls are 100 metres nominal
- ◆ Available only on full rolls



Part No.	Width (mm)	Weight		Colour	UOM
		GSM	SMOZ		
S40025BK	25	170	4.0	Black	Metre
S40025BU	25	170	4.0	Blue	Metre
S40025GR	25	170	4.0	Green	Metre
S40025RD	25	170	4.0	Red	Metre
S40030BK	30	170	4.0	Black	Metre
S40040BK	40	170	4.0	Black	Metre
S40040BU	40	170	4.0	Blue	Metre
S40040GR	40	170	4.0	Green	Metre
S40040RD	40	170	4.0	Red	Metre
S40050BK	50	170	4.0	Black	Metre
S40050BU	50	170	4.0	Blue	Metre
S40050GR	50	170	4.0	Green	Metre
S40050RD	50	170	4.0	Red	Metre
S40060BK	60	170	4.0	Black	Metre
S40060BU	60	170	4.0	Blue	Metre
S40060GR	60	170	4.0	Green	Metre
S40060RD	60	170	4.0	Red	Metre
S40063BK	63	170	4.0	Black	Metre
S40075BK	75	170	4.0	Black	Metre
S40075BU	75	170	4.0	Blue	Metre
S40075GR	75	170	4.0	Green	Metre
S40075RD	75	170	4.0	Red	Metre
S40080BK	80	170	4.0	Black	Metre
S40080BU	80	170	4.0	Blue	Metre
S40080RD	80	170	4.0	Red	Metre
S40100BK	100	170	4.0	Black	Metre
S40100BU	100	170	4.0	Blue	Metre
S40100RD	100	170	4.0	Red	Metre
S40125BK	125	170	4.0	Black	Metre

4oz Folded Polyester Coloured Tape

- ◆ Bainbridge polyester sailcloth
- ◆ Hot slit to seal the edges
- ◆ Roll lengths are 100m
- ◆ Centre folded



Part No.	Width (mm)	Weight		Colour	UOM
		GSM	SMOZ		
S40040GRF	40	170	4.0	Green	Metre
S40040RDF	40	170	4.0	Red	Metre
S40050BKF	50	170	4.0	Black	Metre
S40050BUF	50	170	4.0	Blue	Metre
S40050RDF	50	170	4.0	Red	Metre
S40100BKF	100	170	4.0	Black	Metre

5-8oz Classic Polyester Coloured Sailcloth Tape

- ◆ These tapes are manufactured from Bainbridge polyester sailcloth
- ◆ Hot slit to seal the edges
- ◆ Available only on full rolls



Part No.	Width (mm)	Weight		Colour	UOM
		GSM	SMOZ		
S50050TN	50		5.0	Tan	Metre
S50063TN	63		5.0	Tan	Metre
S60063CR	63		6.0	Cream	Metre
S60063TN	63		6.0	Tan	Metre
S60075CR	75		6.0	Cream	Metre
S60075TN	75		6.0	Tan	Metre
S60080CR	80		6.0	Cream	Metre
S60080TN	80		6.0	Tan	Metre
S60100CR	100		6.0	Cream	Metre
S60100TN	100		6.0	Tan	Metre
S70075CR	75		7.0	Cream	Metre
S70075TN	75		7.0	Tan	Metre
S70080CR	80		7.0	Cream	Metre
S70080TN	80		7.0	Tan	Metre
S70100CR	100		7.0	Cream	Metre
S70100TN	100		7.0	Tan	Metre
S70125CR	125		7.0	Cream	Metre
S70125TN	125		7.0	Tan	Metre
S80100CR	100		8.0	Cream	Metre
S80100TN	100		8.0	Tan	Metre
S80125CR	125		8.0	Cream	Metre
S80125TN	125		8.0	Tan	Metre



Nylon Coloured Spinnaker Tape

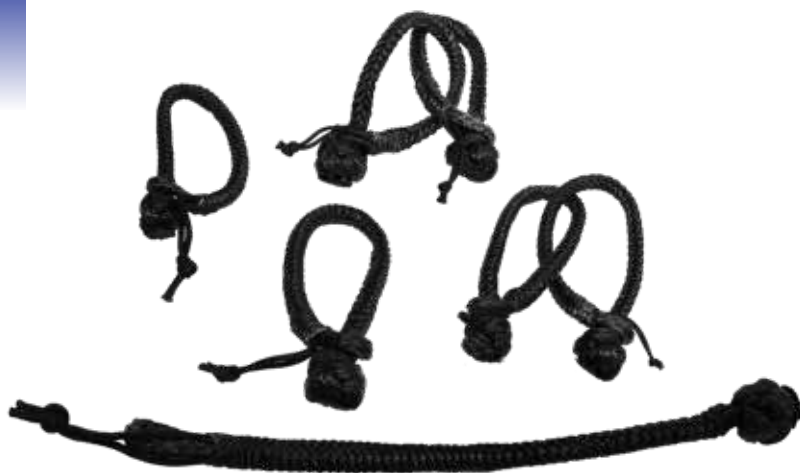
- ◆ These tapes are manufactured from 170gsm / 4smoz nylon
- ◆ Other widths can be supplied - please enquire
- ◆ Hot slit to seal the edges
- ◆ All rolls are 100 metres nominal
- ◆ Available only on full rolls



Part No.	Width (mm)	Colour	UOM
T025GR	25	Green	Metre
T025RD	25	Red	Metre
T025WT	25	White	Metre
T040GR	40	Green	Metre
T040RD	40	Red	Metre
T040WT	40	White	Metre
T050GR	50	Green	Metre
T050RD	50	Red	Metre
T050WT	50	White	Metre
T060GR	60	Green	Metre
T060RD	60	Red	Metre
T060WT	60	White	Metre
T075GR	75	Green	Metre
T075RD	75	Red	Metre
T075WT	75	White	Metre
T080GR	80	Green	Metre
T080WT	80	White	Metre



Soft Shackles



- **Made out of HMPE**
- **Will not rust or corrode**
- **Light and easy to handle**
- **Will not damage soft surfaces around it**
- **No tools needed to use it**
- **Versatile**
- **Comes in 4 sizes**

NEW

Part No.	Product Description
SRSSH03G	Grey Soft Shackles HMPE 3mm (Thickness of the Rope) x 40mm (Diameter of the Loop)
SRSSH04G	Grey Soft Shackles HMPE 4mm (Thickness of the Rope) x 55mm (Diameter of the Loop)
SRSSH05G	Grey Soft Shackles HMPE 5mm (Thickness of the Rope) x 75mm (Diameter of the Loop)
SRSSH06G	Grey Soft Shackles HMPE 6mm (Thickness of the Rope) x 90mm (Diameter of the Loop)



For more
information
see page

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Polynite Boltropes

- ◆ Low stretch, low shrink polypropylene construction
- ◆ Hard construction for excellent shape retention
- ◆ Available only on full reels



Part No.	Diameter (mm)	Reel Length (m)	UOM
E392	6	200	Metre
E393	7	200	Metre
E394	8	200	Metre

Boltropes

- ◆ Use as mainsail boltrope where medium stretch and excellent return is required
- ◆ Available only on full reels



Part No.	Diameter (mm)	Reel Length (m)	UOM
E401	6	200	Metre
E403	8	200	Metre
E405	10	200	Metre
E407	12	200	Metre
E441	7	200	Metre
E443	9	200	Metre

Hard Braid Luffline

- ◆ Material: Polyester
- ◆ Construction: Braid on braid
- ◆ Hard Braid luffline
- ◆ Hard section lufflines designed for maintaining their cross sectional shape in luff tapes to facilitate smooth hoisting and lowering of the sail
- ◆ Use for headsail luff tape and mainsail bolt rope
- ◆ Available only in white on full reels



Part No.	Diameter (mm)	Reel Length (m)	Type	UOM
E451	4	100	Metric	Metre
E452	5	100	Metric	Metre
E453	6	100	Metric	Metre
E454	7	100	Metric	Metre
E455	8	100	Metric	Metre

Plastic Piping Cord

- ◆ Plastic cord for piping spray hood.
- ◆ Vinyl rope
- ◆ Ideal for repair kit



Part No.	Thickness (mm)	Reel Length (m)	UOM
E491	4	305	Metre
E492	5	305	Metre
E493	6	305	Metre
E494	7	305	Metre

Extruded Vinyl Rope

- ◆ Manufactured to metric sizes for European designed systems.
- ◆ Maintains dimensional stability.
- ◆ Use for economy headsail luff tape.



Part No.	Diameter (mm)	Reel Length (m)	UOM
E491R	4	200	Metre
E492R	5	100	Metre
E493R	6	100	Metre
E494R	7	100	Metre
E495R	8		Metre

Soft Shackles

NEW

- ◆ Made out of HMPE
- ◆ Will not rust or corrode
- ◆ Light and easy to handle
- ◆ Will not damage soft surfaces around it
- ◆ No tools needed to use it
- ◆ Versatile
- ◆ Comes in 4 sizes



Part No.	Description	Dimensions (mm)	Pack Qty
SRSSH03G	Grey Soft Shackle HMPE	3 x 40	Pack 2
SRSSH04G	Grey Soft Shackle HMPE	4 x 55	Pack 2
SRSSH05G	Grey Soft Shackle HMPE	5 x 75	Pack 2
SRSSH06G	Grey Soft Shackle HMPE	6 x 90	Pack 2

Technora Aramid Leech Line

- ♦ Very low stretch
- ♦ Improved flex life compared to most aramid ropes.
- ♦ Polyester outer protects Technora core.
- ♦ Only available on full reels.



Part No.	Diameter (mm)	Reel Length (m)	Breaking Load (DAN)	UOM
E345	1.7	500	100	Metre
E347	3	330	370	Metre

Coated Dyneema Leech Line

- ♦ GP90 Coated Dyneema® Fibre
- ♦ 100% Dyneema® Fibre construction with polyurethane coating
- ♦ Very low stretch and no water absorption
- ♦ Only available on full reels



Part No.	Diameter (mm)	Reel Length (m)	Breaking Load (DAN)	UOM
E361	3	200	710	Metre
E362	4	250	1300	Metre

Braided Leechline

- ♦ Economy line for leechline, drawcord and general applications. Only available in full reels.



Part No.	Diameter (mm)	Reel Length (m)	UOM
E432	2	200	Reel
E434	3	200	Reel
E435	4	100	Reel



Bainbridge Shockcord

- ◆ Elasticated shockcord in a range of diameters and colours
- ◆ For tensioning, positioning and retrieving
- ◆ Supplied only on full reels



Part No.	Diameter (mm)	Reel Length (m)	Colour	UOM
RSESC03WRD	3	250	White / Red	Metre
RSESC04WRD	4	200	White / Red	Metre
RSESC05WRD	5	100	White / Red	Metre
RSESC06WRD	6	100	White / Red	Metre
RSESC08WRD	8	-	White / Red	Metre

HMPE Shockcord

- ◆ Primarily designed for securing objects that need stretching, the HMPE makes the cover harder wearing and stronger
- ◆ 100% stretch
- ◆ Excellent recovery from stretch
- ◆ Soft hand
- ◆ High tenacity and abrasion resistance
- ◆ High resistivity to UV
- ◆ High strength



Part No.	Dimensions (mm)	Colour	Pack Qty
SRSCS04BK	4	Black / White Fleck	
SRSCS04BL	4	Blue / White Fleck	
SRSCS05BK	5	Black	
SRSCS05BK/OR	5	Orange / Black Fleck	
SRSCS05BL	5	Blue	

Shockcord Fittings

- ◆ A range of Shockcord hooks, clamps and accessories.



A101



A102



A105



B461 / B462



B463 / B464



B449 - B453



A140 / A141



G040BK



G040WT

Part No.	Cord / Wire Size (mm)	Length (mm)	Pack Qty
A101	3 - 6	36	Each
A102	8 - 10	63	Each
A105	6.3	-	Each
A140	6	45	Each
A141	8	73	Each
B449	3 - 5	-	Pack 100
B450	6	-	Pack 100
B451	8	-	Pack 100
B452	10	-	Pack 100
B453			Pack 100
B461	6	-	Each
B462	8	-	Each
B463	3.2	31	Each
B464	4.8	44	Each
G040BK	-	86	50
G040WT	-	86	50

Shockcord Tools

- ◆ Shockcord clamp closing pliers for all sizes.



Part No.	Use with	UOM
C449	B449 - B453	Each

Stainless Steel Thimbles

- ◆ Solid thimbles are manufactured from heavy gauge type 316 stainless steel
- ◆ Chemically cleaned and/or electropolished
- ◆ Minimum distortion, maximum strength
- ◆ Long lasting appearance



B133 - B135



B153 - B158

Part No.	External Length (mm)	Inside Dia. (mm)	Style	Pack Qty
B133	24	10	Split	Each
B134	26	12	Split	Each
B135	32	14	Split	Each
B153	28	12	Solid	10
B154	33	15	Solid	10
B155	36	18	Solid	10
B156	48	20	Solid	10
B158	56	24	Solid	10

Nicopress Sleeves - Tools

- ◆ The finest and most accurate hand-closing tools for Nicopress Sleeves.



Part No.	Length (mm)	Type	Use With	UOM
C962N	51	64CgMP	B544N-B546N	Each

Cable / Wire Cutters

- ◆ Precision cable cutters by Felco.
- ◆ Swiss made.
- ◆ Designed to cut wire rope.
- ◆ Max cable 5mm.
- ◆ Not suitable for cutting chain.



Part No.	Max Cutting Size (mm)	UOM
C970	5	Each

Nicopress Sleeves

- ◆ Zinc plated copper sleeves / ferrules
- ◆ Manufactured to imperial sizes
- ◆ Use closing tool C962N



Part No.	Description	Wire Size (mm)	Pack Qty
B542N	Nicopress Sleeves - Zinc Plated Copper	2	100
B543N	Nicopress Sleeves - Zinc Plated Copper	2.5	100
B544N	Nicopress Sleeves - Zinc Plated Copper	3	100
B545N	Nicopress Sleeves - Zinc Plated Copper	4	100
B546N	Nicopress Sleeves - Zinc Plated Copper	4.5	100

Copper Sleeves

- ◆ Plain copper sleeves / ferrules
- ◆ Manufactured to imperial sizes
- ◆ Closing tools available



Part No.	Description	Wire Size (mm)	Pack Qty
B540	Copper Sleeves	2	100
B541	Copper Sleeves	2.5	100
B542	Copper Sleeves	3	100
B543	Copper Sleeves	3.5	100
B544	Copper Sleeves	4	100
B546	Copper Sleeves	5	100
B547	Copper Sleeves	6	100
B549	Copper Sleeves	8	100

12-Strand Polyester

- ◆ Strength not affected by water
- ◆ Does not shrink
- ◆ UV resistant
- ◆ Abrasion resistant
- ◆ Sinking rope
- ◆ HT polyester
- ◆ Ideal for lazy jack lines



Part No.	Diameter (mm)	Colour	UOM
SR200PS1203G	3	Grey	
SR200PS1204G	4	Grey	
SR200PS1205G	5	Grey	
SR200PS1206G	6	Grey	

3-Strand Polyester

- ◆ BS EN 697:1995 approved
- ◆ Strength not affected by water
- ◆ Does not shrink
- ◆ Good UV and abrasion resistance
- ◆ Used for anchor lines, mooring lines, fender lines and towing lines



Part No.	Diameter (mm)	Colour	UOM
SR100PS310W	10	White	Reel 100m
SR100PS312W	12	White	Reel 100m
SR100PS306W	6	White	Reel 100m
SR100PS308W	8	White	Reel 100m

Polylock

- ◆ Limited water absorption
- ◆ Low creep
- ◆ Abrasion resistant
- ◆ Used for halyards, sheets, control lines, kickers, and leechlines
- ◆ Core: 8 plait polyester
- ◆ Cover: 8 plait polyester
- ◆ Construction: Braid on braid



Part No.	Diameter (mm)	Colour	UOM
SR200PL03W	3	White / Black Fleck	Reel 200m
SR200PL04W	4	White / Black Fleck	Reel 200m
SR200PL05W	5	White / Black Fleck	Reel 200m

Burgee Cord

- ◆ Rigid Construction
- ◆ Low Creep
- ◆ Abrasion and UV resistant
- ◆ Use for flag halyards, mouse lines, boat cover ties and nets
- ◆ Parallel strands of polyester
- ◆ Cover: Braided polyester



Part No.	Diameter (mm)	Breaking Load (kg)	Colour	UOM
SR300BC03BK	3	-	Black	Reel 300m
SR300BC03GR	3	-	Grey	Reel 300m
SR300BC03W	3	300	White	Reel 300m
SR200BC04BK	4	-	Black	Reel 200m
SR200BC04W	4	480	White	Reel 200m
SR200BC05W	5	-	White	Reel 200m

Shockcord

- ◆ Minimum of 100% stretch
- ◆ Excellent recovery from stretch
- ◆ Used for securing objects, tie downs and nets
- ◆ Core: Rubber
- ◆ Cover: Polyester
- ◆ Construction: Braid over parallel core



Part No.	Diameter (mm)	Colour	UOM
SR100SC03BK	3	Black	Reel 100m
SR100SC03B	3	Blue	Reel 100m
SR100SC03W	3	White	Reel 100m
SR100SC04BK	4	Black	Reel 100m
SR100SC04B	4	Blue	Reel 100m
SR100SC04W	4	White	Reel 100m
SR100SC05BK	5	Black	Reel 100m
SR100SC05B	5	Blue	Reel 100m
SR100SC05W	5	White	Reel 100m
SR100SC06BK	6	Black	Reel 100m
SR100SC06B	6	Blue	Reel 100m
SR100SC06W	6	White	Reel 100m
SR50SC08W	8	White / Black Fleck	Reel 50m

Super 12

- ◆ Safer than wire
- ◆ Floats and is hydrophobic
- ◆ Low creep
- ◆ Easy to splice
- ◆ Highly resistant to UV and most chemicals
- ◆ Used for lashing, purchase systems, straps, control lines, towing lines, and leechlines
- ◆ Core: 12 Strand UHMwPE yarn that is heat set
- ◆ Cover: None



Part No.	Dia. (mm)	Break-ing Load (kg)	Col-our	UOM
SR100SUP1202G	2	880	Grey	Reel 100m
SR100SUP1203G	3	1300	Grey	Reel 100m
SR100SUP1204G	4	2220	Grey	Reel 100m
SR100SUP1205G	5	3100	Grey	Reel 100m
SR100SUP1206G	6	3900	Grey	Reel 100m
SR100SUP12015G	1.5	-	Grey	Reel 100m

Super Braid

- ◆ Lightweight
- ◆ Low creep
- ◆ UV resistant core
- ◆ Polyester sheath prevents block and jammer slippage
- ◆ Used for halyards, sheets, control lines, runner tails and reefing lines
- ◆ Core: Coated 12 strand UHMwPE yarn
- ◆ Cover: Polyester
- ◆ Construction: Braid on braid



Part No.	Diameter (mm)	Colour	Pack Qty
SR200SUPSB04GR	4	Grey	Reel 200m
SR200SUPSB04W	4	White	Reel 200m
SR200SUPSB05GR	5	Grey	Reel 200m
SR200SUPSB05W	5	White	Reel 200m
SR200SUPSB06GR	6	Grey	Reel 200m
SR200SUPSB06W	6	White	Reel 200m

Super Speed

- ◆ Low creep
- ◆ UV resistant core
- ◆ Polyester sheath prevents block and jammer slippage
- ◆ Good for cruising yachts
- ◆ Used for halyards, sheets, control lines, runner tails and reefing lines
- ◆ Core: 12 strand single braid UHMwPE lightly treated yarn
- ◆ Cover: Polyester
- ◆ Construction: Braid on braid



Part No.	Diameter (mm)	Breaking Load (kg)	Colour	UOM
SR200SPB02W	2	-	White	Reel 200m
SR200SPB03W	3	-	White	Reel 200m
SR100SPB04BK	4	600	Black	Reel 100m
SR100SPB04B	4	600	Blue	Reel 100m
SR100SPB04W	4	600	White	Reel 100m
SR100SPB05W	5	-	White	Reel 100m
SR200SPB06W	6	-	White	Reel 100m
SR100SPB08W	8	3000	White	Reel 100m

Titan Braid

- ◆ Cover: UHMwPE
- ◆ Abrasion and UV resistant
- ◆ Low friction
- ◆ Ultra-low stretch
- ◆ Low creep
- ◆ Used for keel boat leech lines, control lines, sheets, halyards and out / downhauls
- ◆ Core: Braided polyester
- ◆ Construction: Braid on braid



Part No.	Diameter (mm)	Colour	UOM
SR300T015W	1.5	White	Reel 300m
SR100T03W	3	White	Reel 100m
SR200T04W	4	White	Reel 200m
SR200T05W	5	White	Reel 200m

Super 12 Whipping Twine

NEW

- ◆ Unique HMPE Wax Whipping Twine
- ◆ Extremely high strength-to-weight ratio
- ◆ Low creep
- ◆ Very high resistance to UV and most chemicals
- ◆ Used for whipping the end of rope
- ◆ Material: Heat-set braid or waxed braided
- ◆ Construction: 12 strand single braid



Part No.	Diameter (mm)	Colour	UOM
SR100WWT05	0.5	-	Reel 100m
SR100WWT05W	0.5	White	Reel 100m
SR25WWT15	1.5	-	Reel 25m
SR25MWWT15W	1.5	White	Reel 25m
SR30WWT10	1	-	Reel 30m
SR35MWWT10W	1	White	Reel 35m

Inox Pressed Rings

- ◆ Manufactured from Type 316 stainless steel, and injection moulded nylon.
- ◆ Range of colours to permit the use of house colours and sail identification.



Part No.	Set Hole Diameter (mm)	Colour	UOM
D208B	10	Black	Each
D208N	10	Blue	Each
D207B	12	Black	Each
D207N	12	Blue	Each
D207R	12	Red	Each
D209B	15	Black	Each
D209N	15	Blue	Each
D209R	15	Red	Each
D210B	20	Black	Each
D210N	20	Blue	Each
D210R	20	Red	Each
D211B	25	Black	Each
D211N	25	Blue	Each
D211R	25	Red	Each
D212B	30	Black	Each
D212N	30	Blue	Each
D213B	35	Black	Each
D214B	40	Black	Each

Liners Only

- ◆ Liners are passivated to reduce risk of staining.
- ◆ Liners are seamless for maximum strength.



Part No.	Set Hole Diameter (mm)	Colour	UOM
D207A	12	Stainless Steel	Each
D208A	10	Stainless Steel	Each
D209A	15	Stainless Steel	Each
D210A	20	Stainless Steel	Each
D211A	25	Stainless Steel	Each
D212A	30	Stainless Steel	Each
D213A	35	Stainless Steel	Each
D214A	40	Stainless Steel	Each

Inox Pressed Rings – Closing Tools

- ◆ These tools are suitable for most presses.
- ◆ All except C408 can be used with Enerpac-Nautilus pull down presses by removing the centre post.



Part No.	To be Used With	UOM
C407	D207	Each
C408	D208	Each
C409	D209	Each
C410	D210	Each
C411	D211	Each
C412	D212	Each
C413	D213	Each
C414	D214	Each

Inox Outhaul Attachments

- ◆ Type 316 Stainless steel strap provides provides ultra-high strength attachment to inox rings
- ◆ Minimum offset permits ring to be very low in the sail.
- ◆ Low friction injection moulded slide with encapsulated bail.
- ◆ 'C' products feature reduced bail thickness of 2mm for use in modern dinghy booms with very narrow groove opening.



Part No.	Set Hole Diameter (mm)	To be Used With	UOM
B2075	7.9	D207	Each
B2075C	7.9	D207	Each
B2076	9.3	D207	Each
B2095	7.9	D209	Each
B2095C	7.9	D209	Each
B2096	9.3	D209	Each
B2106	9.3	D210	Each
B2108	12	D210	Each

Inox Rings - Setting Guide

- ◆ Inox Rings should always be set on the correct tools.
- ◆ Damage to the dies can be caused by excessive pressure.
- ◆ Always start with the pressure valve at zero to the desired pressure.
- ◆ Tools should be polished, light lubrication of the working faces is recommended.
- ◆ Rings must be closed with the pinned section and liner facing up in the base of the closing tool.
- ◆ Surrounding cloth should be supported while ring is being closed.



English Grommets

- ◆ Low cost, roll-rim, spur-toothed grommets suitable for a wide range of applications in sailmaking and cover work.
- ◆ Available only in full packs.



Part No.	Size	Set Hole Diameter (mm)	Finish	Pack Qty (pcs)
D001N	000	5.1	Nickel Plated	1000
D002N	00	6.4	Nickel Plated	1000
D003N	0	8.4	Nickel Plated	1000
D004N	1	9.5	Nickel Plated	1000
D005N	2	11.9	Nickel Plated	1000
D006N	3	12.7	Nickel Plated	1000
D007N	4	14.7	Nickel Plated	1000
D008N	5	17.0	Nickel Plated	1000
D009N	6	19.8	Nickel Plated	1000

Part No.	Size	Set Hole Diameter (mm)	Finish	Pack Qty (pcs)
D001NX	000	5.1	Nickel Plated	200
D002NX	00	6.4	Nickel Plated	200
D003NX	0	8.4	Nickel Plated	200
D004NX	1	9.5	Nickel Plated	200
D005NX	2	11.9	Nickel Plated	200
D006NX	3	12.7	Nickel Plated	200
D007NX	4	14.7	Nickel Plated	200
D008NX	5	17.0	Nickel Plated	200
D009NX	6	19.8	Nickel Plated	200



Part No.	Size	Set Hole Diameter (mm)	Finish	Pack Qty (pcs)
D002B	00	6.4	Brass	1000
D003B	0	8.4	Brass	1000
D004B	1	9.5	Brass	1000
D005B	2	11.9	Brass	1000
D006B	3	12.7	Brass	1000
D007B	4	14.7	Brass	1000
D008B	5	17.0	Brass	1000

English Grommets – Closing Tools & Hole Punch

- ◆ Tools for English Grommets should not be used with Stimpson Grommets.
- ◆ Do not hit with a steel head hammer or mallet, use a rawhide mallet such as C530 or Maul Master.



Closing Tool Part No.	Hole Punch Part No.	Size	Set Hole Diameter (mm)	Hole Punch Diameter (mm)	UOM
C301	C103	000	5.1	4.8	Each
C302	C105	00	6.4	7.9	Each
C303	C106	0	8.4	9.5	Each
C304	C107	1	9.5	11.1	Each
C305	C108	2	11.9	12.7	Each
C306	C109	3	12.7	14.3	Each
C307	C110	4	14.7	15.9	Each
C308	C111	5	17.0	17.5	Each
C309	C114	6	19.8	22.2	Each

Hipkiss Self-Piercing Grommets

- ◆ Hipkiss self-piercing grommets eliminate the need for hole punches, since the grommet cuts its own hole when being set.



Part No.	Size	Finish	Pack Qty
D001BH	000	Brass	Pack 1000
D001NH	000	Nickel Plate	Pack 1000
D002BH	00	Brass	Pack 1000
D002NH	00	Nickel Plate	Pack 1000
D003NH	0	Nickel Plate	Pack 1000
D004NH	1	Nickel Plate	Pack 1000

Stimpson Spur-Toothed Grommets

- ◆ The higher strength of these spur-toothed grommets derives from their thicker metal gauge and flange closing.
- ◆ Available in full packs of 144.



Part No.	Size	Set Hole Diameter (mm)	Material	Pack Qty
D003NS	0	6.4	Solid Brass / Nickel	Pack 144
D004NS	1	9/5	Solid Brass / Nickel	Pack 144
D005NS	2	10.3	Solid Brass / Nickel	Pack 144
D006NS	3	11.1	Solid brass / Nickel	Pack 144
D007NS	4	14.2	Solid Brass / Nickel	Pack 144
D008NS	5	15	Solid Brass / Nickel	Pack 144
D009NS	6	17.4	Solid Brass / Nickel	Pack 144



Part No.	Size	Set Hole Diameter (mm)	Material	Pack Qty
D003BS	0	6.4	Solid Brass	Pack 144
D004BS	1	9.5	Solid Brass	Pack 144
D005BS	2	10.3	Solid Brass	Pack 144
D006BS	3	11.1	Solid Brass	Pack 144
D007BS	4	14.2	Solid Brass	Pack 144
D008BS	5	15	Solid Brass	Pack 144



Stimpson Grommets – Closing Tools & Hole Punch

- ◆ Stimpson Grommets should not be used with English Grommet tools.
- ◆ Stimpson tools are machined steel case hardened dies.
- ◆ For best results use the correct Stimpson die set.
- ◆ Low-cost tools are drop forged steel dies.
- ◆ Do not hit with a steel head hammer or mallet, use a rawhide mallet such as C530 or Maul Master.



Closing Tool - Stimpson Part No.	Closing Tool - Eco Part No.	Hole Punch Part No.	Size	Set Hole Diameter (mm)	Hole Punch Diameter (mm)
C303S	C303C	C106	0	6.4	9.5
C304S	C304C	C107	1	7.9	11.1
C305S	C305C	C108	2	9.4	12.7
C306S	C306C	C109	3	11.1	14.3
C307S	C307C	C110	4	12.7	15.9
C308S		C111	5	15.8	17.5
C309S		C114	6	19.1	22.2





Stainless Steel - Round Rings

- ◆ Manufactured from Type 316 stainless steel, which is chemically passivated after welding to reduce the risk of staining
- ◆ TIG welded maximising strength
- ◆ Small diameter rings with the same size bar diameter will deform at a higher load, although both will have similar tensile strength



Part No.	Inside Dia. (mm)	Bar Dia. (mm)	Safe Working Load (kg)	Pack Qty
B117	30	6	600	10
B118	30	5	300	10
B119	40	6	400	10
B121	45	8	900	10
B204	25	3	150	10
B214	25	5	300	10
B219	40	8	750	10
B220	50	8	550	10
B221	50	9	1000	10
B225	50	11	750	10
B227	25	6	800	10
B228	30	8	1000	10
B229	40	9	1300	10

Stainless Steel - Triangles

- ◆ Bainbridge Triangles are manufactured from Type 316 stainless steel, which is cleaned and passivated after welding to reduce the risk of staining
- ◆ TIG welded to maximise strength



Part No.	Inside Dia. (mm)	Bar Dia. (mm)	Safe Working Load (kg)	Pack Qty
B127	51	63	500	10

Stainless Steel - D Rings

- ◆ Manufactured from Type 316 stainless steel
- ◆ Chemically and passivated after welding to reduce the risk of staining
- ◆ TIG welded maximises strength



Part No.	Inside Dia. (mm)	Bar Dia. (mm)	Safe Working Load (kg)	Pack Qty
B169	25	5	300	10
B170	25	5	300	10
B171	31	5	150	10
B172	40	5	500	10
B174	50	6	900	10

Nickel Plated Steel - O Rings

- ◆ Economy rings designed for low load applications
- ◆ Use on bags and soft side of luggage



Part No.	Inside Dia. (mm)	Bar Dia. (mm)	Pack Qty
B191	25	5	10

Nickel Plated Steel - D Rings

- ◆ Economy 'D' rings designed for low load applications
- ◆ Use on bags and soft side of luggage



Part No.	Inside Dia. (mm)	Bar Dia. (mm)	Pack Qty
B196	25	4	10
B197	38	5	10

Stainless Steel - Maxi Rings

- ◆ Bainbridge Maxi Rings are manufactured from Type 316 stainless steel, which is cleaned and passivated after welding to reduce the risk of staining.
- ◆ TIG welded maximises strength.
- ◆ Reinforcing bar reduces potential distortion under high load.



B229/5/6/18B



B225/6BB

Part No.	Inside Dia. (mm)	Bar Dia. (mm)	Safe Working Load (kg)	UOM
B229B	38	9.3	2600	Each
B225B	51	11.1	4000	Each
B226B	64	12.7	4500	Each
B218B	76	15.8	10000	Each
B225BB	38	9.3	4000	Each
B226BB	51	11.1	4500	Each

Stainless Steel - Sail Rings

- ◆ Lighter and stronger than conventional equivalent welded rings
- ◆ Cast construction eliminates weld weak point
- ◆ Made from 17-4 stainless steel, higher SWL than type 316
- ◆ Elliptical cross-section and strengthening bar increases stiffness
- ◆ Can accommodate multiple sheets during sail or sheet point changes



Part No.	Size (mm)	Safe Working Load (kg)	UOM
B248	74 x 58 x 9.3 x 6.4	2000	Each
B250	92 x 72 x 10.5 x 7.2	3000	Each



Hardware

Rings & Grommets - Stainless Steel Rings

Polypropylene Webbing

- ◆ New improved polypropylene webbing available in various widths and colours.
- ◆ System 3 binder thread webbing process - resists fraying
- ◆ Heat treated for better colour fastness and improved UV properties.
- ◆ Suitable for low load application.
- ◆ Sold in full reels only - 50m
- ◆ Other colours available on request.



Blue



Black



Grey



Yellow



Navy Blue



White



Red

Part No.	Width (mm)	Colour	Reel Size
EP225BK	20	Black	50m
EP225BU	20	Blue	50m
EP225GY	20	Grey	50m
EP225NB	20	Navy	50m
EP225WT	20	White	50m
EP225YE	20	Yellow	50m
EP226BK	25	Black	50m
EP226BU	25	Blue	50m
EP226GY	25	Grey	50m
EP226NB	25	Navy	50m
EP226RD	25	Red	50m
EP226WT	25	White	50m
EP227BK	40	Black	50m
EP227BU	40	Blue	50m
EP227GY	40	Grey	50m
EP227NB	40	Navy	50m
EP227RD	40	Red	50m
EP227WT	40	White	50m
EP228BK	50	Black	50m
EP228NB	50	Navy	50m
EP228WT	50	White	50m

Polyester Webbing

- ◆ Polyester Webbing available in various weights & widths.
- ◆ Suitable for medium/high load application.
- ◆ Sold in full reels only.
- ◆ Other colours available on special request.



Part No.	Width (mm)	Breaking Load (kg)	Style	Reel Size (m)
E110	12	300	Standard	50
E111	19	500	Standard	50
E112	25	600	Standard	50
E109	12	400	Heavy	25
E127	20	500	Heavy	25
E113	25	750	Heavy	25
E114	30	850	Heavy	25
E115	40	1000	Heavy	25
E116	50	1200	Heavy	25
E108	63	1400	Heavy	25
E118	25	1500	Extra Heavy	25
E119	30	1800	Extra Heavy	25
E120	40	2400	Extra Heavy	25
E121	51	3100	Extra Heavy	25
E129	45	2800	Super Heavy	25

Polyester Webbing - **NEW** Tubular

- ◆ New Hard/Stiffer Finish to our popular E124 webbing
- ◆ Lies straight and flat to the sail for easier application
- ◆ Simple to align webbing through multiple layers of sailcloth
- ◆ Suitable for all medium/high load application
- ◆ Ideal webbing for attaching external rings on sails
- ◆ Polyester tubular construction allows for insertion of rope, shockcord or high modulus fibres to increase strength and resist UV
- ◆ Also use in furling sails for head and tack loops
- ◆ Sold in full reels only
- ◆ Bainbridge UK manufacture.



Part No.	Width (mm)	Breaking Load (kg)	Finish	Reel Size (m)
E124	25	1700	Standard	50
E124H	25	1700	Hard	50

Nylon Webbing

- ◆ Nylon Webbing available in various widths and colours.
- ◆ Suitable for medium/high load application.
- ◆ Sold in full reels only.



E122 / E123

E124NBK

E124NBU

Part No.	Style	Width (mm)	Breaking Load (kg)	Colour	Reel Size (m)
E122	Tubular	12	700	White	200
E123	Tubular	19	1450	White	200
E110N	Nylon	12	317	White	45.72
E110NBK	Nylon	12	317	Black	91.44
E125	Nylon	25	460	Black	50
E112NBK	Tubular	25	680	Black	91.44
E124NBK	Tubular	25	1800	Black	91.44
E124NBU	Tubular	25	1800	Blue	91.44

Kevlar Webbing

- ◆ Polyester cover protects Kevlar from UV degradation and reduces flexing and chafe.
- ◆ Available only on full reels.

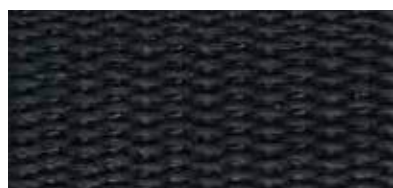


Part No.	Width (mm)	Breaking Load (kg)	Colour	Reel Size (m)
E131	25	1900	White	25
E133	35	2600	White	25

Technora Webbing

NEW

- ◆ 100% Technora System 3 lock-thread webbing.
- ◆ Low elongation to high load ratio.
- ◆ Suitable for all styles of aramid sails.
- ◆ Sold in full reels only.



Part No.	Width (mm)	Breaking Load (kg)	Colour	Reel Size (m)
E132	20	1600	Black	25
E134	25	2100	Black	25

Dyneema Webbing

- ◆ Bainbridge Dyneema webbing.
- ◆ Lighter than Kevlar and does not absorb water.
- ◆ Excellent UV resistance and flex characteristics.
- ◆ Dyneema is a very strong and low stretch fibre.
- ◆ Available only on full 25m reels.



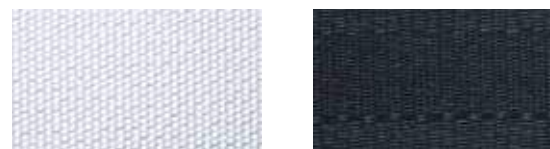
Natural

Black

Part No.	Width (mm)	Breaking Load (kg)	Colour	Reel Size (m)
E135SP	25	2800	Natural	25
E135SPBK	25	2800	Black	25
E139SP	45	3100	Natural	25
E139SPBK	45	3100	Black	25

Toe Strap, Jackstay & Seatbelt Webbing

- ◆ Rugged polyester webbing
- ◆ Five panel construction
- ◆ Recommended for hiking straps, bag handles, nose piece for kites, reinforcement, tie down, trampolines, etc.
- ◆ Excellent UV resistance



E150

E115BK / E121BK

Part No.	Width (mm)	Breaking Load (kg)	Colour	Reel Size (m)
E115BK	38	1134	Black	137.1
E121BK	50	1134	Black	91.4
E150	25	3000	White	50



Webbing Fittings

◆ A selection of buckles and fittings suitable for use with webbing & cover making applications.

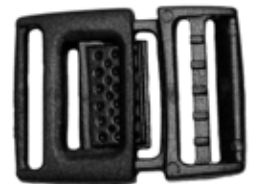
Part No.	Description	For Webbing (mm)	Material	Pack Qty
A0701WT	Cam Buckle	20	White Nylon	10
A0702WT	Cam Buckle	25	White Nylon	10
A073	Ladderlock Buckle	40	Black Nylon	10
A074	Ladderlock Buckle	15	Black Nylon	10
A075	Ladderlock Buckle	19	Black Nylon	10
A076	Ladderlock Buckle	25	Black Nylon	10
A076HD	Ladderlock Buckle	25	Heavy Duty Nylon	10
A077HD	Ladderlock Buckle	50	Heavy Duty Nylon	10
A079BK	Can Buckle	25	Black Nylon	10
A084	Central Release Buckle	10	Acetal	100
A085	Snap Buckle	50	Black Nylon	10
A086	Snap Buckle	38	Black Nylon	10
A087	Snap Buckle	15	Black Nylon	10
A088	Snap Buckle	19	Black Nylon	10
A089	Snap Buckle	25	Black Nylon	10
A089WT	Snap Buckle	25	White Nylon	10
A095BK	Webbing Bridge	25 - 30	Black Nylon	10
A095WT	Webbing Bridge	25 - 30	White Nylon	10
A096BK	Webbing Bridge	40	Black Nylon	10
A096WT	Webbing Bridge	40	White Nylon	10
A097BK	Webbing Bridge	50	Black Nylon	10
A097WT	Webbing Bridge	50	White Nylon	10
A142BK	Tri-Glide	38	Black Plastic	50
A159BK	Central Release Buckle	19	Acetal Plastic	100
B087	Cam Buckle	25	Stainless Steel	10
G200S	Boat Snap Hook	25	Stainless Steel	10
G205S	Footman Loop Webbing Bridge	25	Stainless Steel	10
G209S	Footman Loop Webbing Bridge HD	25	Stainless Steel	10
G210S	Adjustable Buckle	25	Stainless Steel	10
G211S	Adjustable Buckle	25	Stainless Steel	10
G221	Sliding Bar Buckle	25	Stainless Steel / Nylon	10
G221S	Sliding Bar Buckle	25	Stainless Steel	10
G222	Sliding Bar Buckle	50	Stainless Steel	10
G222S	Sliding Bar Buckle	50	Stainless Steel	10
G223	Sliding Bar Buckle	40	Stainless Steel / Nylon	10



A084



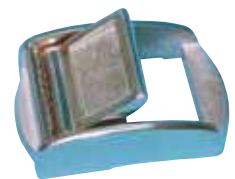
A142BK



A159BK



A079BK



B087



A0701WT /
A0702WT



A073 - A076



A076HD /
A077HD



A085 - A089



G210S / G211S



G221S / G222S



A095BK / 96BK /
97BK



A095WT / 96WT
/ 97WT



G200S



G205S



G209S



G221 / G222 /
G223



Spinnaker Repair Tape



- **Instant repairs when you need it most**
- **Adheres instantly on contact**
- **Conforms to the shape of the sail**
- **Can be used for emergency repair to foul weather gear, seat cushions, boat covers & canvas**
- **Prevents sail chafe**
- **50mm x 10 metres**

Made from 45gsm Bainbridge spinnaker cloth with a hi tack strong pressure sensitive adhesive coating on one side.

This tape incorporates a rip stop weave to increase the strength of tape in a temporary repair.

Simply dry thoroughly the torn edges you wish to join together, remove the backing paper from the tape and apply with firm hand pressure – preferably on a hard surface behind the cloth to increase the strength of adhesion.

For emergency repair only - the damaged sail should be taken to a professional sailmaker as soon as possible.

Part No. Colour

FWN4599A Black

FWN4564A Aqua Blue

FWN4560A Royal Blue

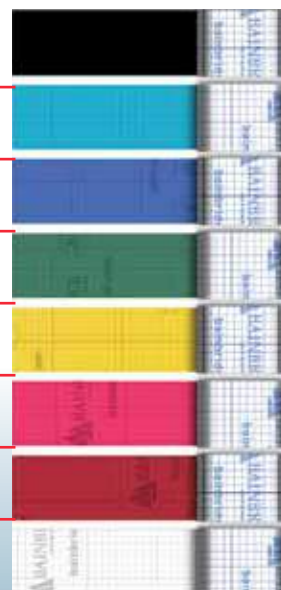
FWN4550A Green

FWN4530A Yellow

FWN4513A Pink

FWN4510A Red

FWN4501A White



For more
information
see page

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Polyester Insignia



- ◆ Standard style
- ◆ Has grid on release liner
- ◆ Uses include: Sail numbers, patching, logos and print
- ◆ Applications where applicable
- ◆ Cut lengths available



J514BK



J514BU



J514CR



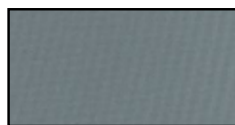
J514FP



J514FY



J514GR



J514GY



J514KE



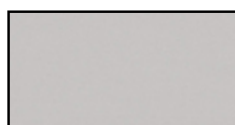
J514NB



J514OR



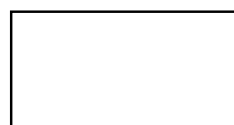
J514RD



J514SL



J514TN



J514WT



J514YE

Part No.	Description	Roll Length (m)	Colour	UOM
J514BK	Polyester Insignia - 142cm Wide	45.7	Black	Metre
J514BU	Polyester Insignia - 142cm Wide	45.7	Blue	Metre
J514CR	Polyester Insignia - 142cm Wide	45.7	Cream	Metre
J514FP	Polyester Insignia - 142cm Wide	45.7	Fluorescent Pink	Metre
J514FY	Polyester Insignia - 142cm Wide	45.7	Fluorescent Yellow	Metre
J514GR	Polyester Insignia - 142cm Wide	45.7	Green	Metre
J514GY	Polyester Insignia - 142cm Wide	45.7	Grey	Metre
J514KE	Polyester Insignia - 142cm Wide	45.7	Kevlar Look	Metre
J514NB	Polyester Insignia - 142cm Wide	45.7	Navy Blue	Metre
J514OR	Polyester Insignia - 142cm Wide	45.7	Fluorescent Orange	Metre
J514RD	Polyester Insignia - 142cm Wide	45.7	Red	Metre
J514SL	Polyester Insignia - 142cm Wide	45.7	Silver	Metre
J514TN	Polyester Insignia - 142cm Wide	45.7	Tan	Metre
J514WT	Polyester Insignia - 142cm Wide	45.7	White	Metre
J514YE	Polyester Insignia - 142cm Wide	45.7	Yellow	Metre
J530WT	High Tack Insignia - 137cm Wide	45.7	White	Metre
J530WTUV	High Tack Insignia - 137cm Wide - UV & Printable	45.7	White UV	Metre
J614WT	Polyester Insignia - 137cm Wide - Printable	45.7	White	Metre

Please note: Colour representations for Sailcloth, Cover Material and other dye coloured items shown are the closest approximate match permissible by print process. Customers should be aware that the colour of fabrics will alter in appearance to the eye by the light and environment, e.g. bright blue environments will change yellow to greener shades.

Insignia Draft Stripe & Tapes

- ◆ Draft / camber stripe Insignia tape
- ◆ Available in various colours & widths
- ◆ Sold on full rolls only
- ◆ Transition tape for laminate sails



Part No.	Roll Length (m)	Roll Width (mm)	Colour
J012BK	45.7	12	Black
J012BU	45.7	12	Blue
J015BK	45.7	15	Black
J015BU	45.7	15	Blue
J015FP	45.7	15	Fluorescent Pink
J015FY	45.7	15	Fluorescent Yellow
J015GR	45.7	15	Green
J015GY	45.7	15	Grey
J015OR	45.7	15	Orange
J015RD	45.7	15	Red
J015WT	45.7	15	White
J020BK	45.7	20	Black
J020BU	45.7	20	Blue
J020FP	45.7	20	Fluorescent Pink
J020FY	45.7	20	Fluorescent Yellow
J020GR	45.7	20	Green
J020GY	45.7	20	Grey
J020NB	45.7	20	Navy Blue
J020OR	45.7	20	Orange
J020RD	45.7	20	Red
J020SL	45.7	20	Silver
J020WT	45.7	20	White
J025BK	45.7	25	Black
J025BU	45.7	25	Blue
J025FP	45.7	25	Fluorescent Pink
J025FY	45.7	25	Fluorescent Yellow
J025GR	45.7	25	Green
J025GY	45.7	25	Grey
J025NB	45.7	25	Navy Blue
J025OR	45.7	25	Orange
J025RD	45.7	25	Red
J025SL	45.7	25	Silver
J025WT	45.7	25	White
J030BK	45.7	30	Black
J030BU	45.7	30	Blue
J030GY	45.7	30	Grey

Part No.	Roll Length (m)	Roll Width (mm)	Colour
J030RD	45.7	30	Red
J030WT	45.7	30	White
J040BK	45.7	40	Black
J040BU	45.7	40	Blue
J040FP	45.7	40	Fluorescent Pink
J040FY	45.7	40	Fluorescent Yellow
J040GY	45.7	40	Grey
J040NB	45.7	40	Navy Blue
J040OR	45.7	40	Orange
J040RD	45.7	40	Red
J040WT	45.7	40	White
J050BK	45.7	50	Black
J050BU	45.7	50	Blue
J050FP	45.7	50	Fluorescent Pink
J050FY	45.7	50	Fluorescent Yellow
J050GR	45.7	50	Green
J050GY	45.7	50	Grey
J050NB	45.7	50	Navy Blue
J050OR	45.7	50	Orange
J050RD	45.7	50	Red
J050SL	45.7	50	Silver
J050WT	45.7	50	White
J060BK	45.7	60	Black
J060GY	45.7	60	Grey
J060SL	45.7	60	Silver
J060WT	45.7	60	White
J075BK	45.7	75	Black
J075BU	45.7	75	Blue
J075GR	45.7	75	Green
J075GY	45.7	75	Grey
J075RD	45.7	75	Red
J075SL	45.7	75	Silver
J075WT	45.7	75	White
J080BK	45.7	80	Black
J080BU	45.7	80	Blue
J080GY	45.7	80	Grey
J080RD	45.7	80	Red
J080WT	45.7	80	White
J100BK	45.7	100	Black
J100BU	45.7	100	Blue
J100FY	45.7	100	Fluorescent Yellow
J100GY	45.7	100	Grey
J100RD	45.7	100	Red
J100SL	45.7	100	Silver
J100WT	45.7	100	White
J125BK	45.7	125	Black
J125BU	45.7	125	Blue
J125GY	45.7	125	Grey
J125RD	45.7	125	Red
J125WT	45.7	125	White
J150BK	45.7	150	Black
J150WT	45.7	150	White



Sail Repair Patches

- ◆ Heavy duty PSA self adhesive sail repair patches
- ◆ Miscellaneous sizes suits most small to medium repairs
- ◆ Radius edge helps reduce peel
- ◆ Min 10 handed patches per pack
- ◆ Available in 3 colours
- ◆ Suitable for all types of sailcloth including laminate, polyester and nylon
- ◆ Can be used as emergency repairs for sails, foul weather gear, seat cushions and boat covers
- ◆ Ideal for repairing batten pockets and also as chafing patch
- ◆ Bainbridge UK manufacture



Part No.	Colour	Pack Qty
AQM514BU	Blue	10
AQM514RD	Red	10
AQM514WT	White	10

Nylon Repair Tape

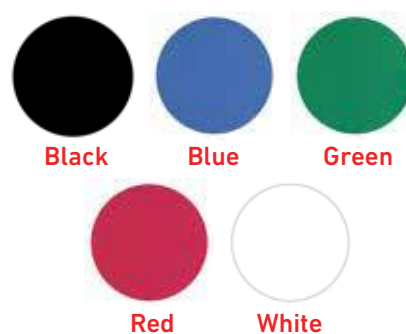
- ◆ Instant repairs when you need it most
- ◆ Adheres instantly on contact
- ◆ Conforms to the shape of the sail
- ◆ Can be used for emergency repair to Foul Weather Gear, Seat Cushions, Boat Covers and Canvas
- ◆ Prevents Sail Chafe



Part No.	Weight (gsm)	Size (mm x m)	Colour	UOM
FWN4501A	45	50 x 10	White	Roll
FWN4510A	45	50 x 10	Red	Roll
FWN4513A	45	50 x 10	Pink	Roll
FWN4530A	45	50 x 10	Yellow	Roll
FWN4550A	45	50 x 10	Green	Roll
FWN4560A	45	50 x 10	Royal Blue	Roll
FWN4564A	45	50 x 10	Aqua Blue	Roll
FWN4599A	45	50 x 10	Black	Roll

Circles & Tale Tell Patches

- ◆ Self adhesive Insignia circles for reinforcement, protection or repair
- ◆ Various colours / sizes available



Part No.	Size (mm)	Colour	Pack Qty
SD002BK	25	Black	10
SD002BU	25	Blue	10
SD002GR	25	Green	10
SD002RD	25	Red	10
SD002WT	25	White	10
SL002BK	50	Black	10
SL002BU	50	Blue	10
SL002GR	50	Green	10
SL002RD	50	Red	10
SL002WT	50	White	10
SL003BK	100	Black	10
SL003BU	100	Blue	10
SL003WT	100	White	10
SL004BK	150	Black	10
SL004BU	150	Blue	10
SL004GY	150	Grey	10
SL004WT	150	White	10
SL006BK	200	Black	10
SL006GY	200	Grey	10
SL006WT	200	White	10

Repair Kit

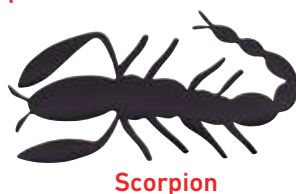
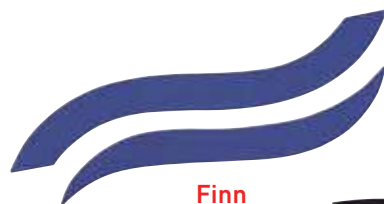
- ◆ 1 sailmaker's palm
- ◆ 1 tube mixed sail needles
- ◆ 5m of 12mm lightweight webbing
- ◆ 5m of 25mm heavyweight webbing
- ◆ 10m of 100mm slit sailcloth
- ◆ 25m of white self-adhesive repair tape
- ◆ 1 roll double-sided tape
- ◆ 1 bench knife
- ◆ 2 awls
- ◆ 1 pair Fiskars stainless steel scissors
- ◆ 2 x 30mm stainless steel rings
- ◆ Thread and whipping twine
- ◆ 2 pencils
- ◆ 20 pushpins



Part No.	Type	UOM
C980	Ocean Repair	Each

Class Insignia

- ◆ Pre-cut class insignia
- ◆ Precision die cut from self-adhesive polyester fabric.
- ◆ Supplied in pairs only.



Class	Colour						UOM
	Black	Blue	Blue & Red	Green	Grey	Red	
470	-	INS017BU	-	-	-	INS017RD	Pair
Albacore	-	INS001BU	-	-	-	-	Pair
Albin	-	-	-	-	-	INS003RD	
Europe	-	-	INS007BR	-	-	-	Pair
Finn	-	INS009BU	-	-	-	INS009RD	Pair
Flying Fifteen	INS019BK	INS019BU	-	-	-	-	Pair
GP 14	INS023BK	INS023BU	-	-	-	-	Pair
H-Boat	-	-	INS027B/R	-	-	-	Pair
J22	-	INS028BU	-	-	-	-	Pair
J24	-	INS029BU	-	-	-	-	Pair
Kestrel	INS031BK	INS031BU	-	-	-	-	Pair
Merlin Rocket	INS033BK	-	-	-	-	-	Pair
Miracle	-	-	-	-	-	INS037RD	Pair
Mirror	INS039BK	-	-	-	-	-	Pair
Moody	INS041BK	INS041BU	-	-	-	-	Pair
OK	INS045BK	INS045BU	-	-	INS045GY	INS045RD	Pair
Optimist	INS047BK	INS047BU	-	-	INS047GR	INS047RD	Pair
Osprey	INS049BK	-	-	-	-	INS049RD	Pair
Pirate	-	-	-	-	-	INS051RD	Pair
Scorpion	INS055BK	INS055BU	-	-	-	INS055RD	Pair
Snipe	-	INS059BU	-	-	-	INS059RD	Pair
Solo	INS061BK	INS061BU	-	INS061GR	-	-	Pair
Topper	INS067BK	INS067BU	-	-	-	-	Pair
Wayfarer	-	-	-	-	-	INS071RD	Pair
Westerly	INS073BK	INS073BU	-	-	-	-	Pair
Yngling	-	INS075BU	-	-	-	-	Pair



Hardware

Insignia & Adhesive - Class Insignia

Plain Style Sail Numbers

- Numbers are cut from self adhesive insignia fabric
- Compatible with all types of polyester & laminate sailcloth.

0123

ORDER EXAMPLE SN300BU2

No = 2 | Colour = Blue

Available Colour	Colour
BU	Blue
BK	Black
RD	Red

Part No.	SN100			SN150			SN230			SN250			SN300			SN380			SN450		
Size (mm)	101			150			236			250			307			394			457		
Pack Qty	10			10			10			10			10			10			10		
Colour	BK	BU	RD	BK	BU	RD	BK	BU	RD	BK	BU	RD	BK	BU	RD	BK	BU	RD	BK	BU	RD
0 - 9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Plain Style Sail Letters

- Letters are cut from self adhesive insignia fabric
- Compatible with all types of polyester & laminate sailcloth.

ABC

ORDER EXAMPLE SL300RDB

Letter = B | Colour = Red

Available Colour	Colour
BU	Blue
BK	Black
RD	Red

Part No.	SL230			SL250			SL305			SL380			SL457		
Size (mm)	236			250			305			380			457		
Pack Qty	10			10			10			10			10		
Colour	BK	BU	RD	BK	BU	RD	BK	BU	RD	BK	BU	RD	BK	BU	RD
A - Z	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Computer Eights

234
567
8901

ORDER EXAMPLE SC250RD

Colour = Red

Available Colour - xx	Colour
BU	Blue
BK	Black
RD	Red
GR	Green
GY	Grey
WT	White

Part No.	SC230			SC250			SC300			SC380			SC450		
Size (mm)	236			250			305			380			457		
Pack Qty	10			10			10			10			10		
Black	✓			✓			✓			✓			✓		
Blue	✓			✓			✓			✓			✓		
Red	✓			✓			✓			✓			✓		
Grey	✓			✓			✓			-			-		
Green	✓			-			✓			-			-		
White	✓			✓			✓			-			✓		

Premium Tape



- **High Quality Strong Adhesive Tape**
- **Optically Clear Polyester Carrier 23um**
- **Acrylic Adhesive**
- **50M Reels**
- **Exclusive Bainbridge Original - UK Manufacture**
- **Extremely High Long Term Adhesion**
- **Individually wrapped to help prolong shelf life**
- **Works from -40°C to +120°C**
- **Suitable for all styles of Solacryl, other acrylic canvas and general sail and cover applications**

Part No.	Product Description
J431	Double Sided Tape 6mm x 50m
J432	Double Sided Tape 9mm x 50m
J433	Double Sided Tape 12mm x 50m
J434	Double Sided Tape 15mm x 50m
J435	Double Sided Tape 19mm x 50m
J436	Double Sided Tape 25mm x 50m
J437	Double Sided Tape 30mm x 50m

NEW



Solacryl

For more
information
see page
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Utility Tape

NEW

- ◆ Individually wrapped to help prolong shelf life
- ◆ Acrylic adhesive
- ◆ Tissue carrier
- ◆ 50m Reels
- ◆ Bainbridge original
- ◆ Good initial tack
- ◆ High long term adhesion
- ◆ Low shrink



Part No.	Roll Length (m)	Width (mm)	Carrier	To be Used With	UOM
J421	50	6	Tissue	All cloth	Roll
J422	50	9	Tissue	All cloth	Roll
J423	50	12	Tissue	All cloth	Roll
J424	50	15	Tissue	All cloth	Roll
J425	50	19	Tissue	All cloth	Roll
J426	50	25	Tissue	All cloth	Roll
J427	50	30	Tissue	All cloth	Roll
J428	50	40	Tissue	All cloth	Roll

Economy Tapes

- ◆ Economy grade seaming tape offering excellent value for money
- ◆ Fair initial tack
- ◆ High long term adhesion
- ◆ Tissue carrier
- ◆ Non-yellowing



Part No.	Roll Length (m)	Width (mm)	Carrier	To be Used With	UOM
J411	50	6	Tissue	All cloth	Roll
J412	50	9	Tissue	All cloth	Roll
J413	50	12	Tissue	All cloth	Roll
J414	50	15	Tissue	All cloth	Roll
J415	50	19	Tissue	All cloth	Roll
J416	50	25	Tissue	All cloth	Roll
J417	50	30	Tissue	All cloth	Roll
J418	50	40	Tissue	All cloth	Roll

Bainbridge Premium Tape

NEW

- ◆ High quality strong adhesive tape
- ◆ Optically clear polyester carrier 23um
- ◆ Acrylic adhesive
- ◆ 50m reels
- ◆ Exclusive Bainbridge original - UK manufacture
- ◆ Extremely high long term adhesion
- ◆ Individually wrapped helps prolong shelf life
- ◆ Works from -40 degrees to +120 degrees
- ◆ Suitable for all styles of Solacryl® fabric



Part No.	Roll Length (m)	Width (mm)	Carrier	To be Used With	UOM
J431	50	6	Polyester	All cloth	Roll
J432	50	9	Polyester	All cloth	Roll
J433	50	12	Polyester	All cloth	Roll
J434	50	15	Polyester	All cloth	Roll
J435	50	19	Polyester	All cloth	Roll
J436	50	25	Polyester	All cloth	Roll
J437	50	30	Polyester	All cloth	Roll

High Adhesion Seaming Tape

- ◆ Outstanding adhesion to all types of sailcloth making this tape ideal for seaming applications
- ◆ Good initial tack
- ◆ High long term adhesion
- ◆ Tissue carrier
- ◆ Non Yellowing



Part No.	Roll Length (m)	Width (mm)	Carrier	To be Used With	UOM
J310	50	6	Tissue	All cloth	Roll
J311	50	9	Tissue	All cloth	Roll
J312	50	12	Tissue	All cloth	Roll
J313	50	15	Tissue	All cloth	Roll
J314	50	19	Tissue	All cloth	Roll
J315	50	25	Tissue	All cloth	Roll

3M Acrylic Transfer Tape

- ◆ High performance transfer tape, more elastic than conventional double sided tapes
- ◆ Transfer tapes do not have a film or cloth carrier
- ◆ Non yellowing
- ◆ Uses: Excellent for spinnakers and light sails where some stretch in the seam is desired



Part No.	Roll Length (m)	Width (mm)	Carrier	To be Used With	UOM
J132	55	9	Acrylic Based	Spinnaker Nylon	Roll
J133	55	12	Acrylic Based	Spinnaker Nylon	Roll
J134	55	20	Acrylic Based	Spinnaker Nylon	Roll

3M Seam Bonding Tape

- ◆ Super Seam Tape is better for the sailcloth, particularly on film/film laminates and nylons where stitching can tear through the cloth.
- ◆ Super Seam Taped seams often stretch less than conventional sewn seams.
- ◆ Super Seam Tape can reduce costs as the number of rows of stitching on horizontal seams of large sails can be reduced.
- ◆ Seams bonded with Super Seam Tape are light and smooth.



Part No.	Roll Length (m)	Width (mm)	Carrier	To be Used With	UOM
J180	55	12	Tissue	Laminate & Nylon	Roll
J181	55	19	Tissue	Laminate & Nylon	Roll
J182	55	25	Tissue	Laminate & Nylon	Roll

Double Sided Tape - Acrylic

- ◆ High quality double sided tape for general sail seaming.
- ◆ Fair initial tack.
- ◆ High long term adhesion.
- ◆ Low stretch mylar carrier.
- ◆ Non-yellowing.



Part No.	Roll Length (m)	Width (mm)	Carrier	UOM
J451	66	6	Mylar	Roll
J452	66	9	Mylar	Roll
J453	66	12	Mylar	Roll
J455	66	19	Mylar	Roll
J456	65	25	Mylar	Roll
J472	33	9	-	Roll

Mylar/Kevlar Seaming Tape

- ◆ Designed for film / film laminate sails, cloth carrier strengthens seam and re-inforces stitching
- ◆ Fair initial tack
- ◆ High long term adhesive
- ◆ Cloth carrier
- ◆ Non yellowing

Part No.	Roll Length (m)	Width (mm)	Carrier	To be Used With	UOM
J080	45.7	12	-	-	Roll
J082	45.7	25	-	-	Roll

3M VHB Attachment Tape

- ◆ High performance acrylic adhesive
- ◆ Medium density white acrylic foam tape
- ◆ Adhesive on both sides with red release liner
- ◆ Use: Attaching automotive and marine trim, awning track & Flex-A-Rail (G512)

Part No.	Roll Length (m)	Width (mm)	Pack Qty
J112V	18	12.7	
J117V	18	22.5	



YKK® Zippers

YKK® Zippers & Sliders offered by Bainbridge International have been engineered especially for the marine industry and other outdoor applications.

- ◆ All materials used have been selected to resist damage from UV & corrosion
- ◆ Various sizes available in Vislon® & Coil Style
- ◆ Use our premium J43* tape to make light work of applying zipper chain to any fabric

YKK® No.5 Continuous Vislon®

- ◆ No. 5 Vislon® only available in white.



Part No.	Colour	Style	Length (m)	UOM
E580	White	#5 Vislon® Continuous	200	Metre
E581	White	Single Metal Slider	-	Each
E583	White	Single Plastic Slider	-	Each

YKK® No.8 Vislon® Jacket



Part No.	Length (mm)	Colour	Style	UOM
E605BK	1220	Black	#8 Vislon®	Each
E605WT	1220	White	#8 Vislon®	Each
E608BK	1830	Black	#8 Vislon®	Each
E609WT	8250	White	#8 Vislon®	Each

YKK® No.10 Vislon® Jacket

- ◆ No.10 Vislon® zipper with double metal sliders
- ◆ Other colours available against special order
- ◆ Use our premium J43* tape to make light work of applying zipper chain to any fabric



Part No.	Part No.	Part No.	Part No.	Length		UOM
White	Navy	Black	Beige	mm	ft	
E560WT	E560NB	E560BK	-	610	2.0	Each
E571WT	E571NB	E571BK	-	762	2.5	Each
E561WT	E561NB	E561BK	E561BE	910	3.0	Each
E562WT	E562NB	E562BK	-	1060	3.5	Each
E563WT	E563NB	E563BK	E563BE	1220	4.0	Each
E564WT	E564NB	E564BK	-	1370	4.5	Each
E565WT	E565NB	E565BK	E565BE	1520	5.0	Each
E566WT	E566NB	E566BK	-	1680	5.5	Each
E567WT	E567NB	E567BK	E567BE	1830	6.0	Each
E568WT	E568NB	E568BK	-	1980	6.5	Each
E570WT	E570NB	E570BK	E570BE	2130	7.0	Each
E572WT	E572NB	E572BK	E572BE	2440	8.0	Each
E574WT	E574NB	E574BK	-	2740	9.0	Each
E576WT	E576NB	E576BK	E576BE	3050	10.0	Each
E577WT	E577NB	E577BK	-	3660	12.0	Each
E578WT	E578NB	E578BK	-	4570	15.0	Each
E579WT	-	-	-	5950	19.5	Each
E600WT	-	-	-	6710	22.0	Each
E569WT	-	-	-	10000	32.8	Each

YKK® Zipper Stops



Part No.	Colour	Style	Pack Qty
E584BS	White	Bottom Stop	100
E584BSBK	Black	Bottom Stop	100
E584SSTS	Stainless Steel	End Stop	200
E584TS	White	Top Stop	200
E584TSBK	Black	Top Stop	100

YKK® No.10 Continuous Vislon®

- ◆ Standard reel length: 100m
- ◆ Cut to length pieces available
- ◆ Slides supplied in packs of 10



Part No. White	Part No. Navy	Part No. Black	Part No. Beige	Style	UOM
E584	E584NB	E584BK	E584BE	#10 Vislon®	100m
E585	E585NB	E585BK	E585BE	Single Metal	Each
E586	E586NB	E586BK	E586BE	Double Metal	Each
E587	-	-	-	Single Plastic	Each

YKK® No.15 Vislon® Jacket

NEW

- ◆ No.15 Vislon® zipper with single metal sliders
- ◆ Use our premium J43* tape to make light work of applying zipper chain to any fabric
- ◆ Super strong, robust open ended zip for heavy duty construction / applications
- ◆ Suitable uses for stackpacks/boombags, deck bags, awnings and yurts



Part No. White	Part No. Navy	Part No. Black	Length		UOM
			mm	ft	
E610WT	E610NB	E610BK	1520	5.0	Each
E611WT	E611NB	E611BK	3500	11.5	Each
E612WT	E612NB	E612BK	5000	16.42	Each
E613WT	E613NB	E613BK	7500	24.58	Each

YKK® No.10 Continuous Coil

- ◆ No. 10 coil only available in white and black.



Part No.	Colour	Style	Length (m)	UOM
E591	White	#10 Coil Continuous	100	Metre
E591BK	Black	#10 Coil Continuous	100	Metre
E592	White	Single Metal Slider	-	Each
E592BK	Black	Single Metal Slider	-	Each
E593	White	Single Plastic Slider	-	Each
E593BK	Black	Single Plastic Slider	-	Each

YKK
Little Parts. Big Difference.™



NEW

'Catchy' **Hook & Loop**

- **Hook & Loop Tape Fasteners**
- **Available in a range of sizes: 20, 25, 30, 38, 50 and 100mm**
- **White and Black stocked in all sizes**
- **Navy Blue, Beige and Grey stocked in 25 and 50mm**
- **High Shear tensile strength**
- **Full 25m reels only**
- **In both sew-on and adhesive formats**
- **Genuine Bainbridge polyester Hook & Loop original manufactured in the UK**



'Catchy' Bainbridge Hook & Loop Closure

- ◆ Hook & Loop Tape Fasteners
- ◆ Available in a range of sizes: 20, 25, 30, 38, 50 and 100mm
- ◆ White and Black stocked in all sizes
- ◆ Navy Blue, Beige and Grey stocked in 25 and 50mm
- ◆ High Shear tensile strength
- ◆ Full 25m reels only
- ◆ Genuine Bainbridge polyester Hook & Loop original manufactured in the UK

NEW



SEW-ON

Part No. White	Part No. Navy	Part No. Black	Part No. Beige	Part No. Grey	Style	Width (mm)	Reel Size (m)
E57020WT	E57020NB	E57020BK	E57020BE	E57020GY	Set (Hook & Loop)	20	25
E57020WTH	E57020NBH	E57020BKH	E57020BEH	E57020GYH	Hook Only	20	25
E57020WTL	E57020NBL	E57020BKL	E57020BEL	E57020GYL	Loop Only	20	25
E57025WT	E57025NB	E57025BK	E57025BE	E57025GY	Set (Hook & Loop)	25	25
E57025WTH	E57025NBH	E57025BKH	E57025BEH	E57025GYH	Hook Only	25	25
E57025WTL	E57025NBL	E57025BKL	E57025BEL	E57025GYL	Loop Only	25	25
E57030WT	E57030NB	E57030BK	E57030BE	E57030GY	Set (Hook & Loop)	30	25
E57030WTH	E57030NBH	E57030BKH	E57030BEH	E57030GYH	Hook Only	30	25
E57030WTL	E57030NBL	E57030BKL	E57030BEL	E57030GYL	Loop Only	30	25
E57038WT	E57038NB	E57038BK	E57038BE	E57038GY	Set (Hook & Loop)	38	25
E57038WTH	E57038NBH	E57038BKH	E57038BEH	E57038GYH	Hook Only	38	25
E57038WTL	E57038NBL	E57038BKL	E57038BEL	E57038GYL	Loop Only	38	25
E57050WT	E57050NB	E57050BK	E57050BE	E57050GY	Set (Hook & Loop)	50	25
E57050WTH	E57050NBH	E57050BKH	E57050BEH	E57050GYH	Hook Only	50	25
E57050WTL	E57050NBL	E57050BKL	E57050BEL	E57050GYL	Loop Only	50	25
E57100WT	E57100NB	E57100BK	E57100BE	E57100GY	Set (Hook & Loop)	100	25
E57100WTH	E57100NBH	E57100BKH	E57100BEH	E57100GYH	Hook Only	100	25
E57100WTL	E57100NBL	E57100BKL	E57100BEL	E57100GYL	Loop Only	100	25

SELF-ADHESIVE

Part No. White	Part No. Navy	Part No. Black	Part No. Beige	Part No. Grey	Style	Width (mm)	Reel Size (m)
E58020WT	E58020NB	E58020BK	E58020BE	E58020GY	Set (Hook & Loop)	20	25
E58020WTH	E58020NBH	E58020BKH	E58020BEH	E58020GYH	Hook Only	20	25
E58020WTL	E58020NBL	E58020BKL	E58020BEL	E58020GYL	Loop Only	20	25
E58025WT	E58025NB	E58025BK	E58025BE	E58025GY	Set (Hook & Loop)	25	25
E58025WTH	E58025NBH	E58025BKH	E58025BEH	E58025GYH	Hook Only	25	25
E58025WTL	E58025NBL	E58025BKL	E58025BEL	E58025GYL	Loop Only	25	25
E58030WT	E58030NB	E58030BK	E58030BE	E58030GY	Set (Hook & Loop)	30	25
E58030WTH	E58030NBH	E58030BKH	E58030BEH	E58030GYH	Hook Only	30	25
E58030WTL	E58030NBL	E58030BKL	E58030BEL	E58030GYL	Loop Only	30	25
E58038WT	E58038NB	E58038BK	E58038BE	E58038GY	Set (Hook & Loop)	38	25
E58038WTH	E58038NBH	E58038BKH	E58038BEH	E58038GYH	Hook Only	38	25
E58038WTL	E58038NBL	E58038BKL	E58038BEL	E58038GYL	Loop Only	38	25
E58050WT	E58050NB	E58050BK	E58050BE	E58050GY	Set (Hook & Loop)	50	25
E58050WTH	E58050NBH	E58050BKH	E58050BEH	E58050GYH	Hook Only	50	25
E58050WTL	E58050NBL	E58050BKL	E58050BEL	E58050GYL	Loop Only	50	25
E58100WT	E58100NB	E58100BK	E58100BE	E58100GY	Set (Hook & Loop)	100	25
E58100WTH	E58100NBH	E58100BKH	E58100BEH	E58100GYH	Hook Only	100	25
E58100WTL	E58100NBL	E58100BKL	E58100BEL	E58100GYL	Loop Only	100	25

Hook & Loop - 'Catchy'



Bainbridge Hardware

VELCRO® Brand Sew On

- ◆ VELCRO® Brand original sew on fastening available in sets, and separate Hook & Loop.
- ◆ Available in navy blue, white and black
- ◆ Durable hook fastening gives maximum life cycle
- ◆ Available only on 25m reels
- ◆ Various widths in 20mm, 25mm, 30mm & 50mm
- ◆ VELCRO® original



Part No.	Reel Length (m)	Size (mm)	Colour	Type	UOM
E510	25	20	White	Hook & Loop	Metre
E510H	25	20	White	Hook Only	Metre
E510L	25	20	White	Loop Only	Metre
E511	25	20	Black	Hook & Loop	Metre
E511H	25	20	Black	Hook Only	Metre
E511L	25	20	Black	Loop Only	Metre
E515	25	25	White	Hook & Loop	Metre
E515H	25	25	White	Hook Only	Metre
E515L	25	25	White	Loop Only	Metre
E517	25	25	Black	Hook & Loop	Metre
E517H	25	25	Black	Hook Only	Metre
E517L	25	25	Black	Loop Only	Metre
E520	25	30	White	Hook & Loop	Metre
E520H	25	30	White	Hook Only	Metre
E520L	25	30	White	Loop Only	Metre
E521	25	30	Black	Hook & Loop	Metre
E521H	25	30	Black	Hook Only	Metre
E521L	25	30	Black	Loop Only	Metre
E530	25	30	White	Hook & Loop	Metre
E530H	25	50	White	Hook Only	Metre
E530L	25	50	White	Loop Only	Metre
E531	25	50	Black	Hook & Loop	Metre
E531H	25	50	Black	Hook Only	Metre
E531L	25	50	Black	Loop Only	Metre

VELCRO® Brand Adhesive Backed

- ◆ Supplied in full rolls only
- ◆ Easily stored and gives you the flexibility to cut the length you need
- ◆ VELCRO® Brand PS-14 - General Adhesive
- ◆ Rubber based adhesive, offering great tack
- ◆ Can be used in temperature ranges from -15C to 60C
- ◆ Available in Black and White



Part No.	Reel Length (m)	Size (mm)	Colour	Type	UOM
E540	25	25	White	Hook & Loop	Metre
E540H	25	25	White	Hook Only	Metre
E540L	25	25	White	Loop Only	Metre
E541	25	25	Black	Hook & Loop	Metre
E541H	25	25	Black	Hook Only	Metre
E541L	25	25	Black	Loop Only	Metre



Heminway & Bartlett Anti-Wick NANO Bonded Thread

- ◆ Nominal 450g / 1lb spools
- ◆ Anti-Wick combines superior sewability with a permanent additive that blocks water migration through seams and meets MIL SPEC V-T- 285 Type II



Part No.	Dabond Size	Nearest Metric Size	Colour	UOM
EA069BK	V69	NM36	Black	LB
EA069PB	V69	NM36	Pacific Blue	LB
EA069WT	V69	NM36	White	LB
EA092BK	V92	NM25	Black	LB
EA092BU	V92	NM25	Blue	LB
EA092GY	V92	NM25	Grey	LB
EA092PB	V92	NM25	Pacific Blue	LB
EA092WT	V92	NM25	White	LB
EA138BK	V138	NM20	Black	LB
EA138WT	V138	NM20	White	LB

Thread Selection Chart

Dabond® Part No.	Needle Size		Average Yield		Average Tensile	
	Imperial	Metric	M	Yd per lb	Kg	Lb
V30	11-14	75-90	12951	14170	2.13	4.7
V46	12-15	80-95	7467	8170	3.36	7.4
V69	15-18	95-110	5110	5590	4.95	10.9
V92	17-20	105-125	3866	4230	6.58	14.5
V138	19-21	120-130	2523	2760	10.26	22.6
V207	21-23	130-160	1682	1840	14.71	32.4
V346	23-26	-	1005	1100	26.38	58.1



Heminway & Bartlett Dabond NANO Thread

- ◆ Nominal 450g / 1lb spools
- ◆ Heminway & Bartlett Dabond 2000 thread sets industry standards
- ◆ High strength and controlled stretch
- ◆ Resistance to abrasion and salt water
- ◆ Stability in sunlight and resistance to mildew
- ◆ Bonding and resistance to needle heat
- ◆ Continuous thread with no knots or breaks



Part No.	Dabond Size	Nearest Metric Size	Colour	UOM
ET030WT	V30	NM80	White	LB
ET046BK	V46	NM60	Black	LB
ET046BU	V46	NM60	Blue	LB
ET046WT	V46	NM60	White	LB
ET069BK	V69	NM40	Black	LB
ET069BU	V69	NM40	Blue	LB
ET069GY	V69	NM40	Grey	LB
ET069RD	V69	NM40	Red	LB
ET069TN	V69	NM40	Tan	LB
ET069WT	V69	NM40	White	LB
ET069WT1	V69	NM40	White	1oz
ET092BK	V92	NM30	Black	LB
ET092BU	V92	NM30	Blue	LB
ET092GY	V92	NM30	Grey	LB
ET092TN8	V92	NM30	Tan	LB
ET092WT	V92	NM30	White	LB
ET138BK	V138	NM20	Black	LB
ET138BU	V138	NM20	Blue	LB
ET138GY	V138	NM20	Grey	LB
ET138TN	V138	NM20	Tan	LB
ET138WT	V138	NM20	White	LB
ET207BK	V207	NM13	Black	LB
ET207WT	V207	NM13	White	LB
ET346WT	V346	NM8	White	LB



Hardware

Thread - Heminway & Bartlett Threads



Heminway & Bartlett Dabond Pre-Wound Bobbins

- ◆ Heminway & Bartlett Pre-Wound Bobbins are wound on a thin core and therefore can have up to 30% more thread per bobbin than can be wound on by a sewing machine.
- ◆ Saves time and effort with fewer bobbin changes and longer continuous seams.
- ◆ Hemibobs are supplied only in full packs of 144 bobbins.



Part No.	Dabond Size	Colour	Pack Qty
EB046FWT	V46 Type F	White	144
EB069DWT	V69 Type D	White	144
EB069FWT	V69 Type F	White	144
EB069LWT	V69 Type L	White	144
EB092DWT	V92 Type D	White	144
EB092FWT	V92 Type F	White	144
EB092LWT	V92 Type L	White	144

SunStop Anti-Wick Thread

- ◆ A high performance twisted multifilament polyester sewing thread
- ◆ Specially designed for outdoor applications where seam strength retention and fade prevention during UV exposure are required
- ◆ Anti-Wicking
- ◆ 8oz spools (1/2 lb)
- ◆ Excellent UV resistance
- ◆ Fade resistant
- ◆ Top 16 Sunbrella Colours.



Part No.	Thread Size	Colour	UOM
EY092BEG8	92	Beige	Each
EY092BG8	92	Burgundy	Each
EY092BK8	92	Black	Each
EY092BRN8	92	Brown	Each
EY092CNV8	92	Captain Navy	Each
EY092FGR8	92	Forest Green	Each
EY092GY8	92	Cadet Grey	Each
EY092JRD8	92	Jockey Red	Each
EY092LN8	92	Linen	Each
EY092LRD8	92	Logo Red	Each
EY092NV8	92	Navy	Each
EY092PB8	92	Pacific Blue	Each
EY092SR8	92	Silver	Each
EY092TS8	92	Toast	Each
EY092WT8	92	White	Each
EY138BEG8	138	Beige	Each
EY138BG8	138	Burgundy	Each
EY138BK8	138	Black	Each
EY138BR8	138	True Brown	Each
EY138CNV8	138	Captain Navy	Each
EY138FGR8	138	Forest Green	Each
EY138GY8	138	Cadet Grey	Each
EY138LN8	138	Linen	Each
EY138LRD8	138	Logo Red	Each
EY138NV8	138	Navy	Each
EY138PB8	138	Pacific Blue	Each
EY138RD8	138	Jockey Red	Each
EY138SR8	138	Silver	Each
EY138TS8	138	Toast	Each
EY138WT8	138	White	Each

SolarFix® PTFE Thread

- ◆ SolarFix® thread is guaranteed to last!
- ◆ Made of 100% PTFE (PolyTetraFlouroEthylene) fibre
- ◆ SolarFix® is THE best thread choice for all marine and outdoor applications
- ◆ Extremely resistant to harmful UV rays and atmospheric degradation
- ◆ SolarFix thread will not lose any significant strength due to UV
- ◆ Limited lifetime warranty



White

Black

Part No.	Equiva- lent dtex	Nearest Tex Size	Colour	UOM	Qty per Cob
EF1500CH1T	1500	V92	Clear	Spool	3400m
EF1500DH1T	1500	V92	Black	Spool	3400m
EF1500WH1T	1500	V92	White	Spool	3400m
EF2640CH1T	1500	V138	Clear	Spool	1920m
EF2640DH1T	2640	V138	Black	Spool	1920m
EF2640WH1T	2640	V138	White	Spool	1920m

Serafil Thread - Mini Cobs

- ◆ Outstanding UV resistance due to special dye stuffs
- ◆ High-performance bonded special sewing thread for sails and other outdoor applications
- ◆ Extremely durable



Part No.	Tex No.	Colour	UOM	Qty per Cob
ESF030BE	NM30/V92	Beige	Spool	900m
ESF030BK	NM30/V92	Black	Spool	900m
ESF030NV	NM30/V92	Navy	Spool	900m
ESF030WT	NM30/V92	White	Spool	900m
ESF040BE	NM40/V69	Beige	Spool	1200m
ESF040BK	NM40/V69	Black	Spool	1200m
ESF040NV	NM40/V69	Navy	Spool	1200m
ESF040WT	NM40/V69	White	Spool	1200m

Serabond Thread

- ◆ High-performance bonded special sewing thread for sails and other outdoor applications
- ◆ Extremely durable
- ◆ Resistant to untwisting and therefore suited for multidirectional sewing
- ◆ Outstanding UV resistance due to special dye stuffs



Black

Blue

Charcoal Grey



White

Burgundy

Green



Navy

Pearl Grey

Red



Sandstone

Part No.	Tex No.	Colour	UOM	Qty per Cob
ES020BK	NM20/V138	Black	Spool	1600m
ES020BU	NM20/V138	Blue	Spool	1600m
ES020CG	NM20/V138	Charcoal Grey	Spool	1600m
ES020WT	NM20/V138	White	Spool	1600m
ES030BG	NM30/V92	Burgundy	Spool	2300m
ES030BK	NM30/V92	Black	Spool	2300m
ES030BU	NM30/V92	Blue	Spool	2300m
ES030CGY	NM30/V92	Charcoal Grey	Spool	2300m
ES030GR	NM30/V92	Green	Spool	2300m
ES030NV	NM30/V92	Navy	Spool	2300m
ES030PGY	NM30/V92	Pearl Grey	Spool	2300m
ES030RD	NM30/V92	Red	Spool	2300m
ES030SS	NM30/V92	Sandstone	Spool	2300m
ES030WT	NM30/V92	White	Spool	2300m
ES040BK	NM40/V69	Black	Spool	4600m
ES040BU	NM40/V69	Blue	Spool	4600m
ES040CG	NM40/V69	Charcoal Grey	Spool	4600m
ES040PG	NM40/V69	Pearl Grey	Spool	4600m
ES040RD	NM40/V69	Red	Spool	4600m
ES040SS	NM40/V69	Sandstone	Spool	4600m
ES040WT	NM40/V69	White	Spool	4600m



Hand Sewing Thread & Wax

- ◆ Hand sewing thread & Sailmaker wax.
- ◆ Supplied on spools only
- ◆ White waxed thread ideal for repair kits
- ◆ C040 natural bees wax
- ◆ C041 composition bees wax



**EW346 / EW462 /
EW499**



ET353



EW351 / EW352



EW352BK



EW500



C040



C041

Part No.	Description	Weight (gms)	Colour	UOM
C040	Cup of Natural Bees Wax	85	Yellow	Each
C041	Block of Composite Thread Wax	454	White	Each
ET353	Waxed Sewing Thread	30	White	Spool
EW346	Waxed Hand Sewing Thread - V-346	454 (Spool)	White	LB
EW351	Waxed Lacing Tape	Spool	White	Spool
EW352	Waxed Lacing Tape	Spool	White	Spool
EW352BK	Waxed Lacing Tape	Spool	Black	Spool
EW462	Waxed Hand Sewing Thread - V-462-M	454 (Spool)	White	LB
EW499	Waxed Hand Sewing Thread - V-9-C	454 (Spool)	White	LB
EW500	Waxed Sailtwine Bobbins - V-6-M	-	White	Box of 12

Tools

Contents:

- Palms & Needles
- Cutting & Sealing Tools
- Scissors & Shears
- Benchwork & Finishing
- Hole & Cutting Tools
- Pattern Materials
- Lofting & Measuring
- Measuring & Marking
- Cleaners
- Seam Sealers & Adhesive
- Protectants & Lubricants
- Starbrite

Needles

- ◆ All needles are hand-made and hand polished for ease of use
- ◆ Tube pack contains assorted size needles



Part No.	Diameter (mm)	Length (mm)	Size	Pack Qty
C005	-	-	-	5
C007	-	-	-	7
C010	3.25	89	10	25
C012	2.64	81	12	25
C013	2.34	79	13	25
C014	2.03	76	14	25
C015	1.88	72	15	25
C016	1.63	69	16	25
C016	1.42	65	17	25
C018	1.22	62	18	25
C019	1.02	49	19	25
C021		Assorted		10
C022		Assorted		20

Palms

- ◆ Excellent quality sailmakers palm.
- ◆ Handcrafted in England.
- ◆ These seaming and roping palms are made for long lasting wear and comfort.
- ◆ Moulded rawhide palm protection.
- ◆ C028 as used by professionals.



Part No.	Hand	Style	To be Used With	UOM
C023	Right	2	Seaming	Each
C024	Right	3	Seaming	Each
C025	Left	3	Seaming	Each
C026	Right	2 1/2	Seaming	Each
C027	Left	2 1/2	Seaming	Each
C028	Right	11	Seaming	Each
C029	Left	11	Seaming	Each
C030	Right	12	Roping	Each
C032	Right	15	Seaming	Each
C033	Left	15	Seaming	Each
C034	Right	16	Roping	Each
C036	Right	9	Seaming	Each
C037	Left	9	Seaming	Each

Machine Oil

- ◆ High performance machine oil.



C061



C063

Part No.	Type	Volume (ml)	UOM
C061	Thread Lubricants	-	Each
C063	Sewing Machine Oil	120	Each

Repair Kits

- ◆ Includes sailmaker's palm, wax, tube of 10 needles and thread.



C038



C039

Part No.	Type	UOM
C038	Adjustable Right	Each
C038L	Adjustable Left	Each
C039	Lightweight Right	Each

Stitchers & Stitcher Needles

- ◆ Choose between the Speedy Stitcher (C916) and Stitching Awl (C910US).
- ◆ The Speedy Stitcher is a hand-operated sewing machine which is suitable for use with most heavy fabrics and leather.
- ◆ Speedy Stitcher needles (C917C8 and C917ST8) come individually, Stitching Awl needles C9105, C9106 and C9108 come in packs of 3.



C9105



C9108



C910US



C916



C917C8



C917ST8



C911WT

Part No.	Used With	Pack Qty / UOM
C9105	C910US	3
C9108	C910US	3
C910US	C9105, C9106 or C9108	Each
C911WT	-	Each
C916	-	Each
C917C8	C916	Each
C917ST8	C916	Each

Hot Knives & Blades

- ◆ Designed to seal synthetics, woven and knit fabrics, and cut and weld rope, cord and webbing.



C857D



C850



C852



C853



C857B



C857C

Part No.	Voltage	Watts	Heats To	UOM
C850	220	60	537C/1000F	Each
C852	-	-	-	Each
C853	-	-	-	Each
C857B	-	-	-	Each
C857C	-	-	-	Each
C857D	230	60	-	Each
C861	110	60	300C/565F	Each

Scissors, Thread Snips, Rippers & Cutters

- ◆ Scissors, Seam Rippers and Cutters used for a variety of jobs in sailmaking & covermaking applications.



C905



C906



C907



C908



C909



C910

Part No.	Length (mm)	Type / Hand	UOM
C905	80	Seam Rippers	Each
C906	120	Seam Rippers	Each
C907	215	Right Hand	Each
C908	215	Left Hand	Each
C909	245	Right Hand	Each
C910	-	Thread Snips	Each
C912	260	Right	Each

Wiss - Scissors, Shears & Snips



C550 - 10 / 12



C551-7 / 8 / 9 / 10



C552 - 10 / L-10 / 12



C555-10 / 12

Part No.	Wiss No.	Style	Length (mm)	UOM
C550-10	1225	Edge Shears	254	Each
C550-12	1226	Edge Shears	305	Each
C551-7	#27	Industrial Shears	178	Each
C551-8	#28	Industrial Shears	203	Each
C551-9	#29	Industrial Shears	229	Each
C552-10	#20	Heavy Duty Shears	254	Each
C552L-10	#20	Heavy Duty Shears	254	Each
C552-12	#22	Heavy Duty Shears	305	Each
C555-10	#20W	Extra HD Shears	254	Each
C555-12	#22W	Extra HD Shears	305	Each
C553	-	Metal Thread Snip	-	Each
C554	-	Plastic Thread Snip	-	Each

Pushpins & Awls

- ◆ Awls & Pushpins to help keep cloth in position when measuring & marking.



C900 / C901



C903



C903BK



C903FP

Part No.	Colour	Size (mm)	Pack Qty / UOM
C900	Yellow	100	Each
C901	Yellow	130	Each
C903	Silver	-	100
C903BK	Black	-	100
C903FP	Hot Pink	-	100

Leather

- ◆ Genuine Marine Grade sailmakers soft chrome leather.
Used in corner reinforcement and final finishing
- ◆ 1.6 - 2.0mm - average thickness
- ◆ Smooth one side
- ◆ Suede finish on opposite side
- ◆ Average Hide size: 20ft²



Part No.	Style	Size (mm)	UOM
E160	Sheet	305 x 610	Each
E161	Hide	-	FTSQ

Staples



Part No.	Length (mm)	Used For	UOM
D724	-	C756	Box
D732	-	C758	Box of 5000
D733	-	C758	Box of 5000
D742	6.4	-	Box
D744	6.4	-	Box
D748	9.5	-	Box

Cloth Clamps

- ◆ A selection of benchwork and finishing accessories.



C515R / C516R / C517R

Part No.	Size (mm)	UOM
C515R	25 (Jaw Opening)	Each
C516R	51 (Jaw Opening)	Each
C517R	76 (Jaw Opening)	Each

Staplers & Removers



C758



C759



C519

Part No.	Style	UOM
C519	Staple Remover	Each
C758	Rexel R56 Plier	Each
C759	Plier Raised Clincher	Each

Seaming Tools

- ◆ The Wrist-Saver roller's patent pending design allows for proper positioning of your arm, wrist and hand into a neutral, relaxed working position.
- ◆ The design allows you to use the power of your whole arm and conserve energy.
- ◆ Keeps your wrist in a more comfortable position and your arm moves in a natural motion.



EVMR02143



EVMR05200



C523

Part No.	Diameter (mm)	Weight (kg)	UOM
EVMR02143	50.8	0.81	Each
EVMR05200	36.5	0.34	Each
C523	31.0	0.42	Each

Punches

- ◆ Hole punches used for grommets & inox ring system
- ◆ Manufactured to imperial sizes



Part No.	Size (mm)	Type	UOM
C101	3.2	Hole Punch	Each
C102	4.0	Hole Punch	Each
C103	4.8	Hole Punch	Each
C104	6.3	Hole Punch	Each
C105	7.9	Hole Punch	Each
C106	9.5	Hole Punch	Each
C107	11.1	Hole Punch	Each
C108	12.7	Hole Punch	Each
C109	14.3	Hole Punch	Each
C110	15.9	Hole Punch	Each
C111	17.5	Hole Punch	Each
C112	19	Hole Punch	Each
C113	20.6	Hole Punch	Each
C114	22.2	Hole Punch	Each
C116	25.4	Hole Punch	Each
C117	28.6	Hole Punch	Each
C119	34.9	Hole Punch	Each
C120	38.1	Hole Punch	Each
C122	44.5	Hole Punch	Each
C125	230	Hand Punch	Each

Hammers

- ◆ Traditional sailmaking tool used with punches, hole cutters, grommet dies and wherever a cushioned hit is desired, now offered in a heavy weight (4lb), larger face style.
- ◆ C530R replacement hides



C233 / C234



C530



C530R



C531

Part No.	Size (mm)	Weight (kg)	UOM
C233	229	1.4	Each
C234	254	2	Each
C530	45	1.2	Each
C530R	-	-	Each
C531	50	1.8	Each

Cutting Boards

- ◆ Cutting pads made from reinforced vinyl



Part No.	Colour	UOM
C501	Black	Each



Pattern Material

- ◆ Economical, flexible and stable pattern material
- ◆ The ideal material to make on site patterns for awnings and any type of cover
- ◆ Can also be used to make sail bags and accessories
- ◆ Roll Width: 183cm
- ◆ Roll Length: 50m / 200m



FP072CL

FP072NB

FP072SB

Part No.	Roll Length (m)	Roll Width (m)	Style	UOM
FP072CL	50	1830	Clear	Metre
FP072NB	200	1830	Blue	Metre
FP072SB	200	1830	Silver & Black	Metre
K903	50	1000	Opaque	Metre

Lofting & Measuring Battens

- ◆ Fibreglass Lofting battens available in 12 x 9 or 25 x 8 in various lengths
- ◆ Ideal for splining sail edges



Cross section C914/5



Cross section C920/2/4

Part No.	Length (m)	Sections (mm)	UOM
C914	5	12 x 9	Each
C915	10	12 x 9	Each
C920	12.2	25 x 8	Each
C922	18.3	25 x 8	Each
C924	30.5	25 x 8	Each

Measuring & Marking

- ◆ Measuring & Marking tools for both covermaking & sailmaking.



C705



C713



C904



C933



C933S



ZMARKERWT



ZPENCILBU



ZPENCILW2

Part No.	Length (m)	Type	Colour	Pack Qty / UOM
C705	30	Steel Tape	Black	Each
C710	1	Aluminium	Silver	Each
C713	30	Fibreglass Tape	Orange / Yellow	Each
C904	-	Knee Pads	Grey	Pair
C933	-	Chalk	White	Box of 12
C933S	-	Chalk Sharpener	Yellow	Each
ZMARKERWT	-	China Marker	White	Each
ZPENCILBU	-	Washable Pencil	Blue	Each
ZPENCILW2	-	Washable Pencil	White	Each



Tools

Tools - Pattern Material & Measuring Tools

303 Fabric Cleaner

- ◆ Super-concentrated, new technology cleaner.
- ◆ Contains no soap, detergent or solvent.
- ◆ Non-hazardous, non-toxic and non-flammable.
- ◆ Super-concentrated and super safe.
- ◆ Dilute for spot removing and general cleaning. Safely removes even and most difficult stains.
- ◆ Rinses residue free.



Part No.	Type	Size (ml)	UOM
M020	303 Fabric Cleaner	946	Each

YKK® – Zippy Cool Cleaner

- ◆ Remove harmful dirt, sand and salt deposits – great for marine zippers.
- ◆ Zippy Cool will effectively clean and lubricate all types of metal.



Part No.	Style	UOM
M031	Zipper Lube	Each

3M Adhesive Remover

A specially blended solvent that provides easy cleanup of most types of adhesive and quickly removes waxes, road tars, grease, oil and similar materials. Will not harm vinyl or fabrics when properly used. Always try on a small area of similar material before use on a sail or cover.

- ◆ Easy to apply.
- ◆ Non-Toxic.
- ◆ Non-Allergenic.
- ◆ Much safer than acetone.



Part No.	Liquid Measure (ml)	UOM
M040	946	Each

Iosso Mould & Mildew Remover

- ◆ Removes mould, mildew, tough dirt and some stains.
- ◆ Use on fabrics, vinyl, plastic, fibreglass and wood.
- ◆ Colour and fabric safe.
- ◆ Gentle to skin, no harmful vapours.
- ◆ Just add water to the biodegradable non toxic, non chlorine powder.



Part No.	Size (kg)	UOM
M212	0.34	Each

IMAR Strataglass

- ◆ Window polish and cleaners made by IMAR.
- ◆ Gently cleans all plastics without scratching.
- ◆ Leaves a lustrous shine that resists fogging, repels dust and eliminates static.
- ◆ Resists finger marking.
- ◆ Contains no abrasives or harsh chemicals.
- ◆ Leaves a smooth, clean and greaseless shine.



M2214



M2224

Part No.	Size (ml)	Type	UOM
M2214	118	Strataglass Cleaner	Each
M2224	118	Stataglass Polish	Each

Dickson TEX'AKTIV Clean

- ◆ Recommended for all Sunbrella fabrics.
- ◆ Removes stains and eliminates bad odours on all marine fabrics.
- ◆ Deep-acting powerful stain remover.
- ◆ Works well on deck chairs, cushions and all marine covers such as biminis and sprayhoods.



Part No.	Volume (l)	UOM
SUNTEX003	1	Each
SUNTEX004	5	Each

Spray Adhesive

- ◆ An extremely versatile spray adhesive that permits either a temporary or permanent bond with a new "low mist" formula.



Part No.	Size (ml)	UOM
J959A	500	Each

Seam Sealer

- ◆ Protects sewn seams.
- ◆ Does not change the look or feels of the fabric.



Part No.	Type	Liquid Measurements (ml)	UOM
M216	Seam Sealer	118	Each



303 Protectants

- ◆ 303 is excellent for preventative maintenance, with UV screen that reduces fading and degradation due to ozone, acid rain and weather.



M010/10



M012



M013



M016

Part No.	Size (ml)	UOM
M010/10	236	Each
M012	3800	Each
M013	473	Each
M016	3780	Each

Dickson TEX'AKTIV Guard

- ◆ Recommended for all Sunbrella fabrics
- ◆ Protects fabric from dirt and stains.
- ◆ Acts as a fabric water-proofer and is perfect for use on marine, outdoor furniture and solar protection fabrics.
- ◆ Prevents grease and water from penetrating into the fabric.
- ◆ Colourless beading effect preserves and restores outdoor fabric's original beauty.



Part No.	Size (l)	UOM
SUNTEX001	1	Each
SUNTEX002	5	Each

Dry Lubricants & Machine Oil

- ◆ High performance dry lubricant & machine oil.



M301 / M305



M321 / M322



M405

Part No.	Type	Volumn (ml)	UOM
M301	Thread Lubricants	950	Each
M305	Thread Lubricants	950	Each
M321	Sewing Machine Oil	950	Each
M322	Sewing Machine Oil	3360	Each
M405	McLube Sailkote	227	Each

Boat Cleaner

- ◆ Spray on, rinse off to clean vinyl, fibreglass, plastic, metal or painted surfaces
- ◆ Ideal for cleaning spills, fish blood, grease spots, footprints and more



SB83222



SB83200

Part No.	Volumn (ml)	UOM
SB83200	118	Each
SB83222	650	Each

Boat Cover Cleaner

- ◆ Keeps your covers looking beautiful all year long
- ◆ Removes dirt and stains from boat covers, tarpaulins, biminis etc



Part No.	Volumn (ml)	UOM
SB92122	650	Each

Boat Cover Cleaner

- ◆ Keeps your covers looking beautiful all year long
- ◆ Removes dirt and stains from boat covers, tarpaulins, biminis etc



SB81922



SB81900

Part No.	Volumn (ml)	UOM
SB81900	3790	Each
SB81922	650	Each

Black Streak Remover

- ◆ Quickly removes black streaks caused by water run off
- ◆ Safe for use on fibreglass, metal and painted surfaces
- ◆ Will not remove wax or polish
- ◆ Spray directly onto black streaks and wipe off; no hard scrubbing needed
- ◆ Hundreds of uses; will instantly remove stains and marks on boats, cars, caravans and around the house



SB71622



SB71600



SB71664

Part No.	Volumn (ml)	UOM
SB71622	650	Each
SB71664	1890	Each
SB71600	3790	Each

Black Streak Remover

- ◆ Quickly dissolves messy spider and bird droppings
- ◆ Non-toxic, all-natural formula
- ◆ Contains no bleach; safe for use around children and pets.
- ◆ Will not remove polish or wax
- ◆ Safe for all marine surfaces and fabrics



Part No.	Volumn (ml)	UOM
SB95122	650	Each

Black Streak Remover

- ◆ Quickly removes insects and road film from glass, paint, plastic and metal
- ◆ No hard rubbing or scrubbing required
- ◆ Does not remove waxes or polishes
- ◆ Convenient spray-on, wipe off application



Part No.	Volumn (ml)	UOM
SB92722	650	Each

Mildew Stain Remover

- ◆ Removes mildew stains on contact without heavy scrubbing
- ◆ Special buffered formula will not harm vinyl upholstery or thread
- ◆ Safe for use on fibreglass, painted surfaces, rubber, plastic and vinyl headliners, bolsters and upholstery
- ◆ Does not weaken fabric or thread



SB85616



SB85600

Part No.	Volumn (ml)	UOM
SB85616	600	Each
SB85600	3790	Each

Plastic Scratch Remover

- ◆ Restores hazy or yellowed clear plastic enclosures
- ◆ Removes fine scratches from acrylic, polycarbonate and most other types of plastic surfaces
- ◆ Cleans off stains, salt deposits and surface discolouration
- ◆ Use as the first step in the restoration of deteriorated plastic



Part No.	Volumn (ml)	UOM
SB82016	475	Each

Plastic Polish Restorer

- ◆ Restores shine and clarity to acrylic, polycarbonate and most other types of plastic surfaces
- ◆ Adds UV protection to all clear plastic surfaces
- ◆ Use as the second step in the restoration of deteriorated plastic



Part No.	Volumn (ml)	UOM
SB87308	236	Each



Rain View

- ◆ Improves wet weather visibility through windshield and windows
- ◆ Use on glass
- ◆ Works with or without windshield wipers
- ◆ Makes surface so slick that rain and wet weather deposits literally slide off
- ◆ High-Tech Formula



Part No.	Volumn (ml)	UOM
SB88708	237	Each

Sea-Safe Waterproofing

- ◆ Unique formula is lake and reservoir safe; can be applied while boat is in or near the water
- ◆ Ideal for use on foul weather gear, tents, tarps and other outdoor gear
- ◆ Unique biodegradable bottle helps reduce landfill overcrowding
- ◆ Protects new fabrics, adds years to service life
- ◆ Will not affect colours or the feel of fabric



Part No.	Volumn (ml)	UOM
SB89755	650	Each

Slime & Grime Stain Remover

- ◆ Removes mould stains and mildew stains, rust, tarnish and other tough stains quickly
- ◆ Works on boat bottoms, shower stalls, floor tiles, fibreglass, wood, aluminium, cement, non-skid decks and metal surfaces
- ◆ Concentrated powder formula



Part No.	Volumn (ml)	UOM
SB94816	500	Each

Snap & Zipper Lubricant

- ◆ Removes mould stains and mildew stains, rust, tarnish and other tough stains quickly
- ◆ Works on boat bottoms, shower stalls, floor tiles, fibreglass, wood, aluminium, cement, non-skid decks and metal surfaces
- ◆ Concentrated powder formula



Part No.	Volumn (ml)	UOM
SB89102	56	Each



06R	32
06R30	32
06R30BK	48
06RBK	48
06REC	51
08R	32
08R30	32
08REC	51
10DECI	51
10DECO	51
10DXSTECI	51
10EC002	51
10R	32
10R30	32
10REC	51
12R	32
12REC	51
14R	32
14REC	51
15CT	48
15CTECI	51
15CTECO	51
15CTST	48
15DXSTECI	51
15EC002	51
15EC006	51
16HCP	48
16R	32
16REC	51
20CV062	49
20CV080	49
20CV107	49
20CV125	49
20EC006	51
20EC010	51
20R	32
20REC	51
25CTJM	51
30CEC	51
30CT024	32
30CT031	48
30CT031	32
30CT031R	32
30CT044	48
30CT044	32
30CT044R	32
30CT052	32
30CT052R	32
30CTEC	51
40CEC	51
40CT	48
40CTST	48

A

A000	50
A001	50
A002	50
A004	50
A005	50
A006	50
A007	54
A008	54
A009	54
A011	54
A012	54
A013	54
A014	54
A015	54
A016	54
A016S	55
A017	54

A017S	55
A018	54
A018S	55
A019S	55
A021	56
A022	56
A023	56
A024	56
A026	56
A027	56
A028	56
A031	55
A031C	55
A032	55
A033	55
A035BK	26
A038	57
A039	57
A043	66
A044	66
A045	66
A048	66
A049	66
A052	66
A054	69
A055	69
A059	69
A0701WT	96
A0702WT	96
A073	96
A074	96
A075	96
A076	96
A076HD	96
A077HD	96
A079BK	96
A082	52
A084	96
A085	96
A086	96
A087	96
A088	96
A089	96
A089WT	96
A095BK	96
A095WT	96
A096BK	96
A096WT	96
A097BK	96
A097WT	96
A101	84
A102	84
A105	84
A107	26
A108	26
A109	26
A114	26
A116	26
A117	26
A118	26
A140	84
A141	84
A142BK	96
A150	51
A159BK	96
A2020	69
A300BK	52
A300WT	52
A302	50
A303BK	52
A303WT	52

A305BK	52
A305SS	52
A305WT	52
A306BK	52
A306SS	52
A4081	53
A4082	53
A4121	53
A4121S	53
A4122	53
A4161	53
A4161S	53
A4162	53
A4201	53
A4201S	53
A4202	53
A511	57
A512	57
A513	57
A514	57
A515	56
A516	56
A517	56
A518	56
AQM5107	69
AQM5110	69
AQM5115	69
AQM5120	69
AQM514BU	100
AQM514RD	100
AQM514WT	100

B

B008	54
B009	54
B010	54
B011	55
B012	55
B013	55
B014SS	55
B015SS	55
B016SS	55
B035	55
B036	55
B037	55
B044	54
B087	96
B0901	69
B0902	69
B0903	69
B091	69
B092	69
B093	69
B097	69
B101	55
B102	55
B103	55
B110	56
B117	92
B118	92
B119	92
B121	92
B127	92
B129	56
B130	56
B131	56
B133	85
B134	85
B135	85
B153	85
B154	85

B155	85
B156	85
B158	85
B169	92
B170	92
B171	92
B172	92
B174	92
B191	92
B196	92
B197	92
B204	92
B2075	89
B2075C	89
B2076	89
B2095	89
B2095C	89
B2096	89
B2106	89
B2108	89
B214	92
B218B	93
B219	92
B220	92
B221	92
B225	92
B225B	93
B225BB	93
B226B	93
B226BB	93
B227	92
B228	92
B229	92
B229B	93
B248	93
B250	93
B303	52
B307	54
B308	54
B309	54
B449	84
B450	84
B451	84
B452	84
B453	84
B461	84
B462	84
B463	84
B464	84
B504	57
B505	57
B506	57
B507	57
B508	57
B510	57
B511	57
B512	57
B513	57
B514	57
B515	57
B516	57
B518	58
B519	58
B520	58
B528	58
B529	58
B531	58
B532	58
B535	58
B536	58
B540	85

B541	85
B542	85
B542N	85
B543	85
B543N	85
B544	85
B544N	85
B545N	85
B546	85
B546N	85
B547	85
B549	85
B701	57
B702	57
B703	57
B710	58
B816	67
B907N	66
B908N	67
B909	67
B909N	67
B910	67
B910N	67
B911	67
B911N	67
B912	67
B912N	67
B913	67
B914	67
B914N	67
BC08S	48
BC10S	48
BC12S	48
BC14S	48
BC16S	48
BC20S	48

C

CC005	116
C007	116
C010	116
C012	116
C013	116
C014	116
C015	116
C016	116
C018	116
C019	116
C021	116
C022	116
C023	116
C024	116
C025	116
C026	116
C027	116
C028	116
C029	116
C030	116
C032	116
C033	116
C034	116
C036	116
C037	116
C038	117
C038L	117
C039	117
C040	114
C041	114
C061	117
C063	117
C101	120

C102	120
C103	120
C104	120
C105	120
C106	91
C107	91
C108	91
C109	91
C110	91
C111	91
C112	120
C113	120
C114	91
C116	120
C117	120
C119	120
C120	120
C122	120
C125	120
C233	120
C234	120
C301	90
C302	90
C303	90
C303C	91
C303S	91
C304	90
C304C	91
C304S	91
C305	90
C305C	91
C305S	91
C306	90
C306C	91
C306S	91
C307	90
C307C	91
C307S	91
C308	90
C308S	91
C309	90
C309S	91
C321	67
C322	67
C323	67
C324	69
C325	69
C326	69
C407	89
C408	89
C409	89
C410	89
C411	89
C412	89
C413	89
C414	89
C449	84
C501	120
C515R	119
C516R	119
C517R	119
C519	119
C523	119
C530	120
C530R	120
C531	120
C550-10	118
C550-12	118
C551-7	118
C551-8	118
C551-9	118





C552-10.....	118	CL211MK2ANS2.....	72	CL259AN.....	72
C552-12.....	118	CL211MK2S2.....	72	CL259ANP.....	72
C552L-10.....	118	CL212.....	70	CL259PR.....	72
C553.....	118	CL212A.....	70	CL260.....	73
C554.....	118	CL212BP.....	70	CL260G.....	73
C555-10.....	118	CL212BPB.....	70	CL260K.....	73
C555-12.....	118	CL212PR.....	70	CL260NG.....	73
C705.....	121	CL213.....	72	CL260W.....	73
C710.....	121	CL214.....	72	CL261.....	74
C713.....	121	CL214W.....	70	CL262.....	74
C758.....	119	CL214WPR.....	70	CL263.....	72
C759.....	119	CL215.....	71	CL263W.....	72
C850.....	118	CL215W.....	71	CL264.....	73
C852.....	118	CL217MK1.....	75	CL264AN.....	73
C853.....	118	CL217MK1AN.....	75	CL265.....	75
C857B.....	118	CL217MK2.....	75	CL265AN.....	75
C857C.....	118	CL217MK2AN.....	75	CL266.....	73
C857D.....	118	CL218MK1.....	75	CL266G.....	73
C861.....	118	CL218MK1AN.....	75	CL266K.....	73
C900.....	118	CL218MK2.....	75	CL266NG.....	73
C901.....	118	CL218MK2AN.....	75	CL266W.....	73
C903.....	118	CL219.....	71	CL267.....	70
C903BK.....	118	CL219AN.....	71	CL267R.....	70
C903FP.....	118	CL220.....	71	CL268.....	72
C904.....	121	CL221.....	70	CL268AN.....	72
C905.....	118	CL222.....	73	CL269.....	70
C906.....	118	CL222AN.....	73	CL269R.....	70
C907.....	118	CL223.....	73	CL270.....	72
C908.....	118	CL223W.....	73	CL270AN.....	72
C909.....	118	CL2245.....	71	CL271.....	73
C910.....	118	CL228.....	71	CL271G.....	73
C9105.....	117	CL230.....	74	CL271K.....	73
C9108.....	117	CL230AN.....	74	CL271NG.....	73
C910US.....	117	CL231.....	71	CL271W.....	73
C911WT.....	117	CL232.....	70	CL272.....	72
C912.....	118	CL233.....	70	CL272W.....	72
C914.....	121	CL233BP.....	70	CL273.....	70
C915.....	121	CL234.....	73	CL273AN.....	70
C916.....	117	CL234W.....	73	CL273ANP.....	70
C917C8.....	117	CL235.....	75	CL273PR.....	70
C917ST8.....	117	CL236.....	74	CL274.....	73
C920.....	121	CL236AN.....	74	CL274W.....	73
C922.....	121	CL237.....	75	CL275.....	73
C924.....	121	CL238.....	75	CL275AN.....	73
C933.....	121	CL239.....	75	CL276.....	73
C933S.....	121	CL240.....	75	CL276G.....	73
C962N.....	85	CL241.....	70	CL276K.....	73
C970.....	85	CL241AN.....	70	CL276NG.....	73
C980.....	100	CL241ANP.....	70	CL276W.....	73
CBA812GY.....	64	CL241PR.....	70	CL277.....	72
CBA813GY.....	64	CL243.....	72	CL277AN.....	72
CBA833GY.....	64	CL243S5.....	72	CL278.....	72
CBA834GY.....	64	CL244.....	75	CL278AN.....	72
CL201.....	74	CL247.....	75	CL5001.....	74
CL202.....	70	CL248.....	75	CL702.....	72
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LENGTH

To Convert	Into	Multiply By
Inches	Millimetres	25.4
Feet	Metres	0.3048
Yards	Metres	0.9144
Miles	Kilometres	1.609
Mil (1/1000 of inch)	Millimetres	0.0254
Mil (1/1000 of inch)	Microns	25.4

AREA

To Convert	Into	Multiply By
Square Yards	Square Metres	0.836

WEIGHT

To Convert	Into	Multiply By
Ounces	Grammes	28.35
Pounds	Kilogrammes	0.4536

FABRIC

To Convert	Into	Multiply By
Sailmakers Ounces US	Ounces /Square Yard	1.263
Sailmakers Ounces US	Grammes/Square Metre	42.83
Ounces/Square Yard	Sailmakers Ounces, US	0.792
Ounces/Square Yard	Grammes/Square Metre	33.91

GLOSSARY

316 Stainless Steel: A grade of stainless steel ideal for the marine environment.

AIRX: Bainbridge's brand name for a superior range of performance spinnaker nylons.

Bias: A diagonal across a piece of fabric at 45° to the warp and fill.

Carbon: An extreme performance fibre used extensively in composite engineering and the sailcloth market.

Creep: The property of fibres to gradually stretch under a constant load.

Crimp: Length or waviness added to a yarn when it is woven over-and-under in a piece of fabric. Crimp can contribute to the elongation of a fabric under load.

Dacron: DuPont's trade name for polyester fibre.

Denier: Weight of 9000 metres of yarn in grams.

DIAX: Bainbridge's brand name for laminates with a 45° diagonal scrim.

Dyneema: Super strong polyethylene fibre made by DSM, up to 40% stronger than aramid fibres. Also resistant to UV and moisture.

Elongation: The difference between the length of a stretched sample and its initial length; expressed in 1/100ths of an inch.

Fibre: Strand of material used to spin into a yarn.

Fill: The yarn or fibre running across the width of the fabric at right angles to the warp.

Gsm: Weight in grams of a square metre of cloth.

Kevlar: DuPont's trade name for a family of high-strength aramid fibres.

Laminate: A layered fabric made by bonding scrim and/or taffetas to one or two plies of film.

LSP: Name for DIAX laminates using Pentex fibres.

Modulus: The measure of stretch or elasticity of a fabric. High Modulus = low stretch.

MPEX: Bainbridge's brand name for a range of multi - purpose spinnaker fabrics.

PEN: Modified polyester with 60% less stretch. Sometimes called Pentex.

Polyester: A strong, reliable fibre ideal for cruising, racing laminates and woven sailcloth.

Primary Yarn Direction: The orientation (warp or fill) in which a fabric is the most stretch resistant.

REXX: Bainbridge's brand name for HT Nylon Spinnaker fabrics - ideal for Race or Cruise applications.

Sailmakers Ounces US (smoz): Weight of a 36" x 28.5" piece of cloth.

Scrim: Non woven, formed sheet of yarns held together with resin.

Spectra: A highly modified polyethylene fibre developed by Allied Corp.

Taffeta: A light woven fabric used on laminates to add durability and abrasion resistance.

Tenacity: The breaking strength of a yarn or fabric stated in force per unit of the cross-sectional area.

Tensile Strength: The ability of a fibre, yarn or fabric to resist breaking under tension.

Technora: Aramid fibres with lower modulus but better flex properties than Twaron.

Thread line: The direction of the yarns.

Titanium: Low density, high strength metal and resistant to corrosion.

Twaron: Family of aramid fibres made by Akzo.

Vectran: A liquid crystal polymer (LCP) fibre 10 times stronger than aluminium.

Warp: The yarn or fibre running the length of a fabric.

TERMS & CONDITIONS

1. CONTRACTS

- a. Contracts are made and orders accepted only upon and subject to these Terms and Conditions of Sale. All other conditions are hereby excluded unless expressly accepted in writing by Bainbridge International Ltd or Aqua-Marine International Ltd (hereinafter called the "Seller").
- b. In entering into a contract with the Seller, the contracting party (hereinafter called the "Buyer") acknowledges that the contract has not been induced by any representations orally or in writing made by the Seller, is servants or agents.
- c. Any quotation, estimate or tender previously given or made by the Seller was not an offer but an intimation of the terms upon which the Seller was prepared to negotiate. The offer to contract with the Buyer made by these conditions may be accepted by the Buyer in a formal manner or may be inferred from the Buyer's acceptance of performance, in whole or in part, by the Seller. Any conditions contained in any purported acceptance by the Buyer shall be disregarded and the acceptance shall be construed as an unqualified acceptance of these conditions.
- d. Any typographical, clerical or other error or omission in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information issued by the Seller shall be subject to correction without any liability on the part of the Seller.

2. PRICES

- a. Unless expressly stated otherwise by the Sellers, all prices quoted are ex works and exclude the cost of packing. Any applicable value added tax or any other sales tax or excise duties paid or payable by the Seller shall be added to the price and shall be payable by the Buyer.
- b. The Seller may, at their sole absolute discretion, accept or reject any order placed by the Buyer. The Seller may change the price of goods for future invoiced goods to the Buyer without notice.
- c. In the event of the Buyer cancelling a part of the order in accordance with the provisions of Clause 12, the Seller reserves the right to revise the price or prices quoted for goods already delivered.
- d. The contract price is, unless specifically agreed upon in writing by the Seller, payable in Pound Sterling. The Seller reserves the right to review the contract price(s) in the event of devaluation of the Pound Sterling or substantial change in the value of Pound Sterling in the foreign exchange markets.

3. CONDITIONS AND WARRANTIES

- a. Seller shall not be liable for the normal manufacturing defects nor any customary variations from quantities or specifications. A variance of not more than 15% either way from the total specified weight, quantity or length shall be deemed compliance with this contract.
- b. Where samples of goods or a colour chart are provided, these are submitted only as indicative of the class, size or colour of goods quoted for and sales of goods shall not be by reference to any such samples or colour charts.
- c. Whilst all description and illustrations of the goods in (interalia) catalogues, brochures, web sites and price lists provided by the Seller have been carefully prepared, they are intended nevertheless for general guidance only and do not form part of any contract for sale of goods and no responsibility is accepted for any errors or omissions therein or for any loss or damage resulting from reliance on such descriptions and illustrations.
- d. When the Seller agrees to provide a specially designed plan, the Buyer agrees that he is obliged to check the accuracy and suitability of the plan and that the Seller shall not be liable for any omissions or inaccuracies in the measurements given. The copyright in the plan drawn up by the Seller is, and remains, their property and may not be reproduced in whole or in part without written consent.
- e. If the Buyer claims or detects a defect in the goods, the Buyer will seek prior approval and return those goods to the Seller or, if the goods are retained by the Buyer, indemnify and keep the Seller indemnified against all liability and claims which may arise out of or incidental to the defect.
- f. The Seller has undertaken no responsibility for learning about the end purpose or use for which the goods are to be used, and the Buyer shall undertake to conduct whatever tests or examinations are necessary to confirm that goods are suitable for such end use.
- g. Any textile products that may be sold hereunder are sold subject to any imperfections that are typically regarded as acceptable in the textile trade resulting from the weaving and finishing thereof, and Seller shall have no liability in connection with any such imperfections. Buyer warrants that all merchandise covered by this contract is purchased for resale as tangible personal property, or to be incorporated as a component or part of other tangible property to be produced for sale by manufacturing, assembling or processing.
- h. The Buyer shall not be entitled to accept part only of the goods.

4. DELIVERY BY THE SELLER

- a. Unless and except as otherwise expressly provided in writing by the Seller, delivery shall be ex works place of business.
- b. Any dates quoted for delivery of the goods are approximate only and the Seller shall not be liable for any delay in delivery of the goods howsoever caused. Time for delivery shall not be of the essence unless previously agreed by the Seller in writing.
- c. Where goods are offered for delivery to a site, the Seller's obligation is to deliver as near to the site as safe hard roads permit. The Buyer is to provide at its own expense the labour required for unloading and stacking.
- d. The Seller reserves the right to deliver goods by instalments and in such event each instalment shall be treated as a separate contract save that the delivery of further instalments may be withheld until goods contained in earlier instalments have been paid for in full.
- e. Where goods are held by the Seller awaiting delivery instructions, they may be subject to a storage charge. For account holding customers, payment for these goods must be made on or before the last day of the month following the month of the invoice; for non-account holding customers, payment must be made at the time of ordering.
- f. In the absence of shipping instructions, the issuing of an invoice shall constitute delivery to the Buyer.

5. COLLECTION BY THE BUYER

- a. Where goods are sold "ex-factory" the Buyer shall collect the goods at the Sellers premises within seven days of the Seller's notifying the

buyers that the goods are ready for collection.

- b. If the Buyer fails to collect the goods within seven days of notification that they are ready for collection, then, without prejudice to any other right or remedy available to the Seller, the Seller may:
 - i. Store the goods until actual delivery and charge the Buyer for reasonable costs (including insurance) of storage; or
 - ii. Sell the goods at the best price readily obtainable (after deducting all reasonable storage and selling expenses) account to the Buyer for the excess over the price under the contract or charge the Buyer for any shortfall below the price.

6. DAMAGE, LOSS, SHORT DELIVERY

- a. On delivery, the Buyer shall examine the goods for defects and completeness. Thereafter no claim for damage in transit, for shortage in delivery, or for loss of goods will be entertained except, in the case of damage, a separate notice in writing is given to the Carriers or to the Seller within three days of the receipt of the goods, followed within 14 days of the date of advice of despatch by a complete claim in writing; or, in the case of loss of goods, a separate notice in writing and a claim is given to the Seller and Carriers within 14 days of the date of the Seller's advice of despatch to the Buyer. In all cases a signature "unexamined" shall be deemed to be an unconditional acceptance of the goods.
- b. The Seller shall not in any circumstances be liable, whether in contract or tort, to the Buyer for any indirect or consequential loss or damage (including without limitation, loss of profits, loss of contracts or damage to property) or for any claim against the Buyer by any third party.
- c. The Seller's liability for damage or non-delivery of goods duly notified in accordance with the above shall in any event be limited to replacement of the goods within a reasonable time (or, at the Seller's option, refunding the price thereof) whether the damage or non-delivery is due to the Seller's negligence or otherwise.

7. ROLL LENGTHS

- a. Where goods are sold as a measured length there may be a variation in length of plus or minus 2%. In the event of a claim the seller reserves the right to insist that the roll be returned for measuring before a settlement is agreed.

8. CREDIT AGREEMENTS

- a. Where the Sellers has granted the Buyer a credit facility, the price of goods and/or service shall be paid by the Buyer as per the payment terms specified on the invoice or, if the Seller shall so require under Clause (b) of this Clause 7, to be paid on demand without any period of notice.
- b. The Seller reserves the right to withdraw or vary credit facilities at any time to the Buyer without either giving any reason for doing so, or thereby incurring any liability to the Buyer.
- c. If the Buyer takes goods from the Seller in excess of the Buyer's credit limit, the Seller may require payment on delivery for such excess of goods.

9. TERMS OF PAYMENT

- a. Unless credit facilities have been granted to the Buyer or unless otherwise specifically provided in writing, the price for the goods shall be paid by the Buyer in cash on delivery and in default the Seller shall be entitled to withhold delivery until payment. In the case of non-cash sales, the Seller shall be entitled to charge and recover interest from the Buyer on the price of the goods calculated at whichever shall be the greater: the statutory interest payable under the Late Payment of Commercial Debts (Interest) Act 1998 or the rate of 4% per annum
- b. Unless otherwise expressly agreed upon in writing, no other discounts or commissions are to become due or allowable to the Buyer (any previous course of dealing between the parties notwithstanding).
- c. Where there is a term of contract that payment of any of the Seller's invoices is dependant upon the issues of the certificate of a third party, the due date for payment of the invoice is not later than 14 days after the issue of the relevant certificate.

10. LATE PAYMENT

- a. When payment of any of the Seller's invoices is overdue, the Seller may suspend their performance of the contracts to which the invoice relates and/or of any other contract then subsisting between the Seller and the Buyer.
- b. In the event of legal action being taken by the Seller against the Buyer for breach of payment obligations hereunder, the Buyer shall be responsible for all costs and disbursements incurred by the Seller on a full indemnity basis.

11. RISK AND LIABILITY

- a. b. c. Risk of damage to or loss of the goods shall pass to the Buyer at the time of delivery or, if the Buyer at the time of delivery of the goods, the time when the Seller has tendered delivery of the goods. For the purpose of this Clause 10, "delivery" shall mean the arrival of the goods at the place of delivery of the Buyer where delivery is by the Seller, or the safe loading of the goods into the Buyer's vehicles at the Seller's premises where delivery is through collection by the Buyer. In no event shall the Seller be liable for damages with respect to the sale or use of any product sold hereunder in any amount greater than the amount of the purchase price received by the Seller for that particular product. In addition, the Seller shall not be liable for any consequential, incidental, or special damages or costs or expenses in the event of any breach of warranty or in the event of any loss, damage injury or cost resulting from, or arising out of, or in respect of the goods being sold hereunder. When any goods are sold hereunder bear a particular label, trademark, or trade name, affixed at the request of the Buyer, it is the understanding of the parties that the Buyer warrants that he has the right to use said label trademark or trade name, and that he hereby agrees to indemnify and hold harmless the Seller against any loss, damage or claim by any person with respect thereto.
- d. The Buyer agrees to reimburse the Seller, and hold Seller harmless against liability for all expenses, including legal fees, incurred by the Seller that may arise in connection with Seller's enforcement of its rights under this contract.
- e. The Seller has undertaken no responsibility for learning about the end purpose for which the goods are to be used, and Buyer shall undertake to conduct whatever tests or examinations are necessary to confirm that goods are suitable for such end use.

12. RETENTION OF TITLE

- a. Notwithstanding delivery and the passing of risk in the goods or any

other provision of these conditions, the property in the goods shall not pass to the Buyer until the Seller has received in cash (or cleared funds) payment in full of the price of the goods and all other goods agreed to be sold by the Seller to the Buyer for which payment is then due.

- b. Until such time as the property in the goods passes to the Buyer, the Buyer shall hold the goods as the Seller's fiduciary agent and bailee, and shall keep the goods separate from those of the Buyer and third parties and properly stored, protected and insured and identified as the Seller's property. Until that time the Buyer shall be entitled to resell or use the goods in the ordinary course of its business, but shall account to the Seller for the proceeds of the sale or otherwise of the goods, whether tangible or intangible, including insurance proceeds, and shall keep all such proceeds separate from any monies or property of the Buyer and third parties and, in the case of tangible proceeds, properly stored, protected and insured.
- c. Until such time as the property in the goods passes to the Buyer (and provided the goods are still in existence and have not been resold), the Seller shall be entitled at any time to require the Buyer to deliver up the goods to the Seller and, if the Buyer fails to do so forthwith, to enter upon any premises of the Buyer or any third party where the goods are stored and repossess the goods.
- d. The Buyer shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the goods which remain the property of the Seller, but if the Buyer does so, all monies owing by the Buyer to the Seller shall (without prejudice to any other right or remedy of the Seller) forthwith become due and payable.

13. CUSTOMER CANCELLATION OF ORDERS

Contracts and orders and parts thereof may be cancelled only by the Seller's written acceptance of such cancellation. Where the Seller accepts such cancellation, the Seller reserves the right to charge the Buyer with the amount of any losses or expenses directly or indirectly resulting from such cancellation. Where the Seller does not accept such cancellation, the Seller, reserves the right to recover the invoice price from the Buyer and to charge the Buyer with additional losses both direct and indirect resulting from such cancellation. In any case where the Seller were required to place a deposit with a manufacturer or supplier in respect of an order, the Seller may require the Buyer to reimburse such sum in the event of cancellation.

14. CUSTOMERS RETURNING GOODS

- a. The Seller will only accept goods being returned by customers if prior consent has been given by the seller. In the event of wishing to return goods customers must contact the seller to obtain a 'goods return note number' that must then be attached in an appropriate manner to the goods. The seller reserves the right to refuse to accept goods being returned by a buyer. In cases where the seller does agree to accept a return the seller reserves the right to charge a handling fee not exceeding 50% based on the invoice price of the goods.
- b. Excluding circumstances where goods are being returned for the reason of damage or are subject to warrantee claim, goods being returned to the seller must arrive in a condition that allows them to be re-sold. In the event that returned goods are not in good condition the seller reserves the right to withdraw any agreement for credit with the buyer or to charge a handling fee.

15. CONSENTS

The obtaining of any necessary consents for the installation of the goods, whether from local or other authorities or for ensuring that the installation of the goods is in accordance with the provisions of any by-laws, regulations or statutes shall not be the responsibility of the Seller.

16. FORCE MAJEURE

The Seller shall not be liable to the Buyer or be deemed to be in breach of contract by reason of any delay in performing, or any failure to perform, any of the Seller's obligations in relation to the goods, if the delay or failure was due to any cause beyond the Seller's reasonable control. Without prejudice to the generality of the foregoing, the following shall be regarded as causes beyond the Seller's control:

- a. Act of God, explosion, flood, tempest, fire or accident;
- b. War or threat of war, sabotage, insurrection, civil disturbance or requisition;
- c. Acts, restrictions, regulations, by-laws, prohibitions or measures of any kind on the part of any governmental, parliamentary or local authority;
- d. Import or export regulations or embargoes;
- e. Strikes, lock-outs or other industrial actions or trade disputes (whether involving employees of the Seller's or of a third party);
- f. Difficulties in obtaining raw materials, labour, fuel, parts or machinery;
- g. Power failure or breakdown in machinery.

17. INSOLVENCY

The Seller shall have the right to terminate the contract forthwith where the buyer becomes insolvent or bankrupt or makes arrangements with its creditors or suffers a receiver to be appointed or being a body corporate enters into liquidation (other than in connection with a reconstruction or amalgamation) in any of which cases the Seller shall have no further obligation hereunder and the price for all goods delivered and work done shall become immediately due and payable.

18. LAW APPLICABLE

These conditions shall be governed and construed in accordance with English law and all disputes arising in connection therewith shall be submitted to the jurisdiction of the English courts.

19. GENERAL

- a. No provision hereof shall be deemed waived and no breach or default excused unless such waiver or excuse is in writing signed by an authorised officer of the party making the writing.
- b. If any provision or part of a provision of this Agreement shall be, or found by any authority or court of competent jurisdiction to be, invalid or unenforceable, such invalidity or unenforceability shall not affect the other provisions or parts of such provisions of this Agreement, all of which shall remain in full force and effect.
- c. The headings in this document are inserted for convenience only and shall not constitute a part of or be referred to in its interpretation.

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