



SAILCLOTH PRODUCT RANGE

Wovens / Spinnaker / Laminates / WeatherMAX



CONTENDER SAILCLOTH

99

MED
NED

137

CONTENDER SAILCLOTH

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WOVENS CROSS-CUT



Woven in different countries of the European Union,
finished at Contender Finishing GmbH

www.contendersailcloth.com

Go the extra mile!

A VERSATILE RANGE OF TOP QUALITY CLOTHS

This label warrants your quality

A UNIQUE LABEL

Fibercon sailcloth is woven with our exclusive Fibercon high tenacity yarn.

WHY DO WE SPIN OUR OWN POLYESTER HIGH TENACITY YARN?

The production of polyester fibers has increasingly been outsourced to low cost countries where spinning companies no longer produce fibers to the quality and specifications necessary for weaving superior sailcloth. The trading name of these fibers has remained the same but the actual performance of the fibers has degraded dramatically. As the leader in premium woven sailcloth, Contender has always realised that the fiber used in our cloth is as important as the weave and finish. We have always been in control of the weave and finish and now we have taken control over the quality of the fiber as well.

HIGH TENACITY YARN

High tenacity means high breaking strength and low stretch.

UV RESISTANT YARN

UV radiation from sunlight can break down polyester fibers. We added UV blockers to the Fibercon polymer so when you select Fibercon sailcloth you are getting the highest UV resistance available in any sailcloth.

FIBERCON YARN AVAILABLE IN A WIDE RANGE OF SIZES

The selection of fibers for their size is an important aspect of determining the sailcloth's properties relative to weight and balance. Fibercon fibers are spun in a wide range of sizes engineered to construct a complete series of premium styles.



Woven in different countries of the European Union, finished at Contender Finishing GmbH

Fibercon
by Contender sailcloth

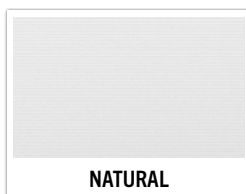
FIBERCON® ALL PURPOSE (AP)

A versatile range of top quality cloths, without a premium price tag!

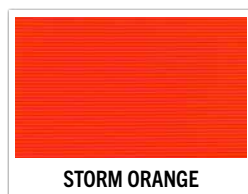
➔ *Designed for cross-cut sails from 28 to 52 feet*

Looking for a sail with a really competitive price tag without compromising quality or durability? Choose Fibercon® AP. Our Fibercon® AP cloth enables your sailmaker to make sails at a competitive price without compromising quality or durability. Efficiently woven from our exclusive Fibercon® yarns, the “all purpose” construction of Fibercon® AP with our Polyprop finish can be used in a huge range of cruising sails.

We recommend a medium or firm Polyprop finish for our Fibercon® AP cloth. The medium Polyprop finish is optimised for ease of handling, the firm Polyprop finish for the diagonal stability that is needed in more performance oriented sails.

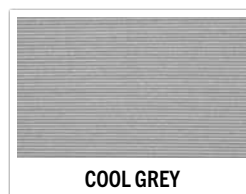


NATURAL



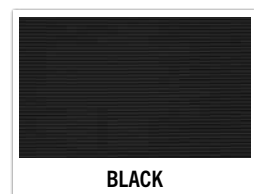
STORM ORANGE

Storm Orange available in 8.38 and 10.38 only



COOL GREY

Cool Grey available in 6.38, 7.38, 8.38 and 9.38 only



BLACK

Black available in 6.38, 7.38 and 8.38 only

APPLICATIONS FIBERCON® ALL PURPOSE (AP)

BOAT LENGTH		MAINSAIL		HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100% FURLING	135% FURLING
± 28	± 8	7.38	6.38	6.38	5.38 / 6.38
± 32	± 10	8.38	7.38	7.38	6.38
± 36	± 11	9.38	8.38	8.38	7.38
± 40	± 12	10.38	9.38	9.38	8.38
± 44	± 13	11.38	10.38	10.38	9.38
± 48	± 14	12.38	10.38	10.38	10.38
± 52	± 16	2 × 8.38	11.38	11.38	10.38



FIBERCON® PRO HIGH ASPECT

Specifically engineered for high aspect rig configurations

➔ *Designed for cross-cut sails from 28 to 52 feet*

Fibercon® Pro High Aspect cloths are woven to a very high density and engineered to match the loads of high aspect rigged yachts. They have the high UV endurance and high density weave of our entire Fibercon® range and so ensure that your sail will have an excellent lifespan. The finishing of our Fibercon® fabrics is also geared to match your cruising needs or racing aspirations. Every production process is carefully overseen so that you receive a consistent quality of sail.



- Woven with high tenacity yarn ensuring performance, durability and good strength retention after UV.
- Fill/warp ratios range from 2.8 - 4.0:1 to optimise fill thread line performance.
- For main and genoa applications where the aspect ratio is 2.5 or greater.

We recommend a medium or firm Polyprop finish. The medium Polyprop finish is optimised for ease of handling, and the firm Polyprop finish for the diagonal stability needed in more performance oriented sails.

APPLICATIONS FIBERCON® PRO HIGH ASPECT

BOAT LENGTH		MAINSAIL		HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100% FURLING	135% FURLING
± 28	± 8	-	6.52	6.52	-
± 32	± 10	-	7.52	7.52	-
± 36	± 11	9.52	8.52	8.52	-
± 40	± 12	2 × 7.52	9.52	9.52	-
± 44	± 13	2 × 7.52	9.52	-	-
± 48	± 14	2 × 8.52	-	-	-
± 52	± 16	2 × 8.52	-	-	-



FIBERCON® PRO LOW ASPECT

Cloth more specifically engineered for low aspect rig configurations

➔ *Designed for cross-cut sails from 28 tot 52 feet*

Fibercon® Pro Low Aspect cloths are woven to a very high density and engineered to match the specific loads of low aspect rigged yachts. They have the high UV endurance and high density weave of our entire Fibercon® range and so ensure that your sail will have an excellent lifespan. The finishing of our Fibercon® fabrics is also geared to match your cruising needs or racing aspirations. Every production process is carefully overseen so that you receive a consistent quality of sail.



- Woven with high tenacity yarn ensuring performance, durability and good strength retention after UV.
- Fill/warp ratios range from 1.5 - 2.8:1 to offer better bias stability with good fill specs.
- For main and genoa applications where the aspect ratio is less than 2.5:1.

We recommend a medium or firm Polyprop finish. The medium Polyprop finish is optimised for ease of handling, and the firm Polyprop finish for the diagonal stability needed in more performance oriented sails.

APPLICATIONS FIBERCON® PRO LOW ASPECT

BOAT LENGTH		MAINSAIL		HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100% FURLING	135% FURLING
± 28	± 8	-	6.46	6.46	5.46 / 6.46
± 32	± 10	-	7.46	7.46	6.46
± 36	± 11	9.46	8.46	8.46	7.46
± 40	± 12	10.46	9.46	9.46	8.46
± 44	± 13	2 x 7.46	9.46 / 10.46	9.46 / 10.46	9.46
± 48	± 14	2 x 7.46	10.46	10.46	9.46 / 10.46
± 52	± 16	2 x 8.46	10.46 / 12.46	10.46 / 12.46	10.46



FIBERCON® PRO VECTRAN

Vectran reinforced for extra performance

➔ *Designed for cross-cut sails from 28 to 52 feet*

Developed for the yachtsman that seeks increased performance and need greater load bearing strength from their woven sails. This cloth combines the high-quality features of Fibercon® yarns with the immense tensile strength and flexibility of additional Vectran yarns.

The finishing of our Fibercon® fabrics is geared to your cruising needs or racing aspirations. Every production process is carefully overseen so that you receive a consistent quality of sail.

We recommend a firm Polyprop finish for our Fibercon® Pro Vectran cloth. The firm Polyprop finish is optimised for the increased diagonal stability needed in more performance oriented sails.



Fibercon®

APPLICATIONS FIBERCON® PRO VECTRAN

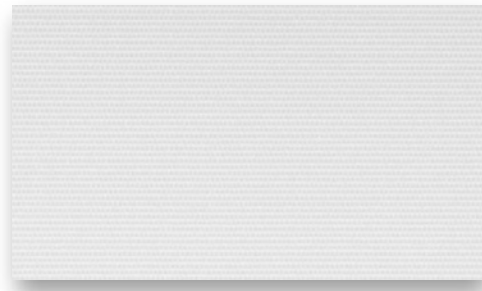
BOAT LENGTH	MAINSAIL		HEADSAIL
	MULTIHULL	MONOHULL	100% FURLING
± 28	7.7	6.7	6.7
± 32	8.7	7.7	7.7
± 36	9.7	7.7	7.7
± 40	11.7	8.7	8.7
± 44	11.7	8.7/9.7	9.7
± 48	2 x 7.7	9.7	9.7
± 52	2 x 7.7	11.7	11.7

SUPERCUISE

All round cruising fabric

➔ *Designed for cross-cut sails from 28 to 48 feet*

The cruising sailor's cloth requirements, although different from the racing sailor's are no less demanding. Cruising sails must provide a level of durability in keeping with the demands of the cruising sailor, whether they be blue water, coastal, or weekend excursions. Stretch performance is also a consideration, as efficient sail shapes can help boat speed and handling, making a cruise more comfortable and enjoyable. Finally, good cruising sailcloth must be designed with quality in mind. Sails can be a substantial investment for their owners who will expect years of service from their sail inventory.



Supercruise styles combine quality high tenacity fiber selection with high beat-up constructions for improved stretch resistance, bias stability and fabric recovery. Efficiently woven in a high tenacity polyester and available in wide width for ease of production. With our standard Polyreg finish it can be used across a wide range of applications.

Our Supercruise Polyreg finish is designed to balance shape holding bias stability with an ease of handle that allows for good furling and ease of flake and stacking for the main on the boom.

APPLICATIONS SUPERCUISE

BOAT LENGTH		MAINSAIL		HEADSAIL	
IN FT	IN M	MONOHULL	100% FURLING	135% FURLING	
± 28	± 8	6.0	7.0	5.0	
± 32	± 10	7.0	7.0	6.0	
± 36	± 11	8.0	8.0	7.0	
± 40	± 12	9.0	9.0	8.0	
± 44	± 13	10.0	10.0	9.0	
± 48	± 14	-	-	10.0	



WOVENS RADIAL-CUT



Woven in different countries of the European Union,
finished at Contender Finishing GmbH

www.contendersailcloth.com

Go the extra mile!



FIBERCON® PRO RADIAL

Developed for the specific requirements of radial or vertically cut

➔ *Designed for vertical or radial cut sails from 28 to 48 feet*

Fibercon® Pro cloths are woven to a very high density and engineered to match the specific loads of the various rigs used in yachts all over the world. They have the high UV endurance and high density weave of our entire Fibercon® range and so ensure that your sail will have an excellent lifespan.

Fibercon® Pro Radial was developed for the specific requirements of radial or vertically cut sails. Our advanced weaving techniques and unique Fibercon® yarns have enabled us to produce a range of woven fabrics that meet this particular challenge.

These fabrics are available in a wide range of weights to suit many different applications. Different weights can even be combined within the same sail, if the sailmaker chooses, to match the fabric content to the loading of a particular area of the sail. The finishing of our Fibercon® fabrics is geared to your cruising needs or racing aspirations. Every production process is carefully overseen so that you receive a consistent quality of sail.

We recommend a medium or firm Polyprop finish for our Fibercon® Pro cloth. The medium Polyprop finish is optimised for ease of handling, and the firm Polyprop finish for the diagonal stability needed in more performance oriented sails.



Fibercon®

APPLICATIONS FIBERCON® PRO RADIAL

BOAT LENGTH		MAINSAIL LOW		HEADSAIL
IN FT	IN M	MONOHULL	100% FURLING	135% FURLING
± 28	± 8	6.5	-	5.5 / 6.5
± 32	± 10	7.5	-	6.5
± 36	± 11	8.5	-	7.5
± 40	± 12	9.5	-	8.5
± 44	± 13	10.5	-	9.5
± 48	± 14	-	-	10.5



FIBERCON® PRO WARP TECH

Performance engineered for radial sails

➔ *Designed for radial cut sails from 28 to 52 feet*

Contender's Fibercon® Pro Warp Tech range is the latest addition to the Contender line of woven sailcloth for radial applications.

Warp Tech styles feature technical constructions balancing fiber, denier, count and crimp to create a line of high performance radial fabrics. Unlike some radial styles that sacrifice fill strength and fabric durability for low warp stretch, Fibercon® Pro Warp Tech fabrics still provides enough fill fiber to ensure a strong and robust weave.

Intended for performance applications, the Warp Tech finish is firm for maximum cloth stability to assure a fast flying shape. Fibercon® Pro Warp Tech fabrics are perfect for the performance cruiser who does not want to sacrifice durability for performance.



Fibercon®

APPLICATIONS FIBERCON® PRO WARP TECH

BOAT LENGTH		MAINSAIL		HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100% FURLING	135% FURLING
± 28	± 8	7.88	6.88	6.88	6.88
± 32	± 10	8.88	7.88	7.88	6.88
± 36	± 11	9.88	8.88	8.88	7.88
± 40	± 12	9.88	9.88	9.88	8.88
± 44	± 13	10.88	9.88	9.88	8.88
± 48	± 14	-	10.88	10.88	9.88
± 52	± 16	-	10.88	10.88	10.88



FIBERCON® PRO HYBRID

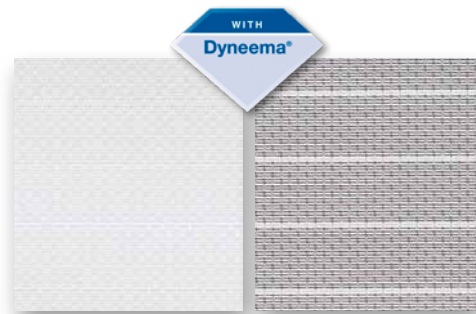
Powered with Dyneema® and designed for long lasting cruising performance

➔ *Designed for radial cut sails from 32 to 65 feet*

Fibercon® Hybrid 'powered with Dyneema®' is carefully designed with performance cruising yachts and long distance cruising in mind. Fibercon® Hybrid combines tremendous strength and durability in a woven fabric suited to today's high-tech radial sails.

Because it uses a woven construction and the incredibly durable Dyneema® yarns, Fibercon® Hybrid has superb resistance to impact damage and wear and tear in use, or to the growth of unsightly mildew.

The combination of high strength Dyneema® yarns with our exclusive Fibercon® polyester yarns has been engineered to take advantage of the properties of both components. It is finished with a special Contender coating which is unique to this range of fabrics. The result is a super-durable, high performance cruising sailcloth which is much stronger than normal woven fabrics. Fibercon® Hybrid makes stable, long lasting and great looking radial sails. Fibercon® Hybrid powered with Dyneema® fabrics are available in a range of weights which are suited to almost all popular performance cruising yachts and are ideal for custom projects.



APPLICATIONS FIBERCON® PRO HYBRID

BOAT LENGTH		MAINSAIL		HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100% FURLING	135% FURLING
± 32	± 10	7.65	6.65	6.65	6.65
± 38	± 11	8.65	7.65	7.65	6.65
± 42	± 12	9.65	8.65	8.65	7.65
± 46	± 13	10.65	8.65	8.65 / 9.65	7.65 / 8.65
± 50	± 14	11.65	9.65 / 10.65	9.65 / 10.65	8.65 / 9.65
± 55	± 16	12.65	10.65/11.65	10.65/11.65	9.65/10.65
± 60	± 18	12.65	11.65	11.65	10.65
± 65	± 19	-	12.65	12.65	11.65

Go the extra mile!



www.contendersailcloth.com

Go the extra mile!



Spinnaker: Nylite 90
Mainsail: RSQ 6.33

FIBERCON® COMPETITION POLYKOTE

Cloth for top performance

➔ *Designed for all One Design classes, from club to Olympic level*

Racing dinghy and One Design keelboat sailors have always pushed their sails to the limit and Fibercon® Competition gives them what they need for competition, from club level right through to Olympic and World Championship regattas. Fibercon® Competition is the most successful sailcloth available for this type of racing.

The key for this type of sailing is our super stable Polykote finish, combined with precise weaving of the unique Fibercon fibers.

The Polykote finish is a polyurethane coating, developed especially by Contender, which provides a hard layer to stabilise the weave and create a connection between the yarns. This ensures the very high stability of the cloth but still allows the sail to be trimmed to a wide range of conditions on a modern racing rig.

WEIGHT RANGE POLYKOTE RSQ

STYLE	WEIGHT G/M ²
3.05	144
3.75	167
4.05	190
4.55	210
5.55	225
5.75	250
6.05	266
6.33	270
6.55	300

4.55 & 5.55 RSQ are available in Natural and Black

WEIGHT RANGE RS POLYKOTE & RSQ POLYPREG

STYLE	WEIGHT G/M ²
2.5 RS	131
5.55 RSQ PP	218
6.33 RSQ PP	278

WEIGHT RANGE POLYKOTE RIPSTOP

STYLE	WEIGHT G/M ²
2.99	141
3.6	180
3.8	191
4.46	199
5.46	225

WEIGHT RANGE POLYKOTE PLAINWEAVE

STYLE	WEIGHT G/M ²
2.8	143
4.52	218
5.52	253
6.5	298
6.8	301
7.52	323



FIBERCON® CLASSIC COLOURS RANGE

Coloured sailcloth based on Fibercon® AP Style

Contender offers a wide selection of coloured sailcloth based on our Fibercon® AP Style. Dyed and finished by Contender at our own finishing plant, our coloured fabrics are available in Alt Air Cream and Light Tanbark.

Fibercon AP:



ALT AIR CREAM

Fibercon AP:
4.0 / 5.38 / 6.38 / 7.38 / 8.38 /
9.38 / 10.38 / 12.38 / 15.38

Fibercon Pro Low Aspect:



LIGHT TAN

Fibercon Pro Low Aspect:
4.0 / 5.38 / 6.38 / 7.38 / 8.38 /
9.38

Spinnaker:



CLASSIC LIGHT CREAM

Nylite 90 / Maxilite 150

Fibercon®



Woven in different countries of the European Union,
finished at Contender Finishing GmbH

OCEANUS

100% polyester dyed weave for traditional sailing boats

➔ *Designed for cross-cut and radial cut sails*

Oceanus classic sailcloth has a unique construction that uses a relatively looser weave in conjunction with specially designed yarns which allows Oceanus to mimic the performance and feel of the sailcloth that tall ships used long ago.

Oceanus combines the lighter weight and durability of a modern polyester fabric with the colour, texture and hand of a traditional cotton ship cloth. Warp oriented in construction and lightly finished for a soft hand, Oceanus is woven with solution dyed fiber for permanent and consistent colour from lot to lot. The cloth behaves and feels like a natural fiber cloth but it is also extremely durable and has a long working life because of the use of a modern yarn. Oceanus is a good choice for tall ships, training vessels and traditional sailing yachts.



WEIGHT RANGE OCEANUS

STYLE	CONSTRUCTION		AVERAGE WEIGHT		COLOUR	WIDTH
	WARP X FILL	G/M2	SM OZ	CANVAS		
# 7	500 x 500	314	7.4	✓	45.7 cm	
# 10	1000 x 1000	458	10.7	✓	45.7 cm	
# 13	1370 x 1370	527	12.3	✓	50.8 cm	
# 16	1960 x 1960	655	15.3	✓	50.8 cm	



Made in the USA



SPINNAKER



Woven in different countries of the European Union,
finished at Contender Finishing GmbH

www.contendersailcloth.com

Go the extra mile!



NYLITE / MAXILITE

Spinnaker cloth for the quality conscious cruising sailor

➔ *Designed for radial cut spinnakers*

To produce the world's finest spinnaker cloths, Contender works closely with their fiber producers and weavers. Thanks to this close co-operation and constant consultation with sailors and sailmakers all over the world, we have built up an unrivalled knowledge and understanding of spinnaker cloth.

The exact balance of weight, stability, tear strength and breaking strain of Nylite and Maxilite cloths comes from the quality of the fibers, the weave and the finish of their construction. Nylite and Maxilite spinnaker fabrics are impregnated with a durable melamine finish and developed with the quality conscious cruising sailor in mind.

The choice of Nylite or Maxilite fabric is determined by the size of your yacht and the conditions in which you want to sail. Both types of fabric have excellent resistance to tearing and good stretch resistance and they will give you many years of great sailing performance.



*Fluorescent colours are more sensitive to UV and therefore not recommended for offshore and transoceanic sailing.

APPLICATIONS NYLITE / MAXILITE

LUFF LENGTH IN M	MEDIUM	HEAVY
12	NL 90	NL 90
15	NL 90	ML 150
18	NL 90	ML 150
21	ML 150	ML 150
24	ML 150	-

STORMLITE

Easy to trim on beam-reach courses

➔ *Designed for radial cut spinnakers*

If you are a cruising yachtsman who is looking for a Code Zero or Reacher that is tough and can be trimmed easily, Stormlite is the most suitable cloth for you. The combination of polyester yarn with melamine impregnation make Stormlite into a cloth that retains its shape better than spinnaker fabric made of nylon.

Stormlite retains its shape even under extreme conditions due to the high tensile strength of the polyester yarns. The fabric also has improved durability because of its good UV resistance compared to nylon.

To produce the world's finest spinnaker cloths, Contender works closely with their fiber producers and weavers. Thanks to this close co-operation and constant consultation with sailors and sailmakers all over the world, we have built up an unrivalled knowledge and understanding of spinnaker cloth.



APPLICATIONS STORMLITE

LUFF LENGTH IN M	CODE ZERO 50° - 90°	GENNAKER
12	STL 210	-
15	STL 210	-
18	STL 510	STL 210
21	STL 510	STL 210
24	-	STL 210
27	-	STL 210 / 510
30	-	STL 210 / 510
33	-	STL 210 / 510
36	-	STL 210 / 510

SUPERLITE / SUPERKOTE

For the ambitious yachtsman who demands the best performance

➔ *Designed for radial cut spinnakers*

The Superlite and Superkote series together constitute a unique range of polyurethane coated spinnaker fabrics that contain the right cloth for every type of spinnaker.

The stability and the range of weights of the Superlite and Superkote series are designed such that your sailmaker can combine different weights of compatible cloths to achieve the best strength/weight ratio for your spinnaker. The polyurethane coating ensures high stability, low weight, 0% porosity and high water repellency.

Professional sailors have always chosen the superior quality of Contender spinnaker cloth for their down-wind sails. To produce cloths of this standard, Contender works closely with their fiber producers and weavers. Thanks to this close co-operation and constant consultation with sailors and sailmakers all over the world, we have built up an unrivalled knowledge and understanding of spinnaker cloth.

COLOUR RANGE SUPERLITE / SUPERKOTE

STYLE	SUPERLITE					SUPERKOTE						
	REFERENCE	50	60	70	75	80	90	130	150	200	250	350
WEIGHT IN G/M ²		34	34 / 36	38	40	43	47	58	71	106	127	150
Natural	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fluor Pink*	✓	-	-	✓	-	✓	-	-	-	-	-	-
Orange	-	-	-	✓	-	✓	-	-	-	-	-	-
Red	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
Gold	-	-	-	✓	-	✓	-	-	-	-	-	-
Yellow	-	-	-	✓	-	✓	-	-	-	-	-	-
Fluor Yellow*	-	-	-	✓	-	-	-	-	-	-	-	-
Green	-	-	-	✓	-	✓	-	-	-	-	-	-
Fluor Green*	-	-	-	✓	-	-	-	-	-	-	-	-
Dark Blue	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
Light Blue	-	-	-	✓	-	✓	-	-	-	-	-	-
Lilac	-	-	-	✓	-	✓	-	-	-	-	-	-
Cool Grey	-	✓	-	✓	-	✓	✓	✓	✓	✓	✓	-
Black	-	✓	-	✓	-	✓	✓	✓	✓	✓	✓	-

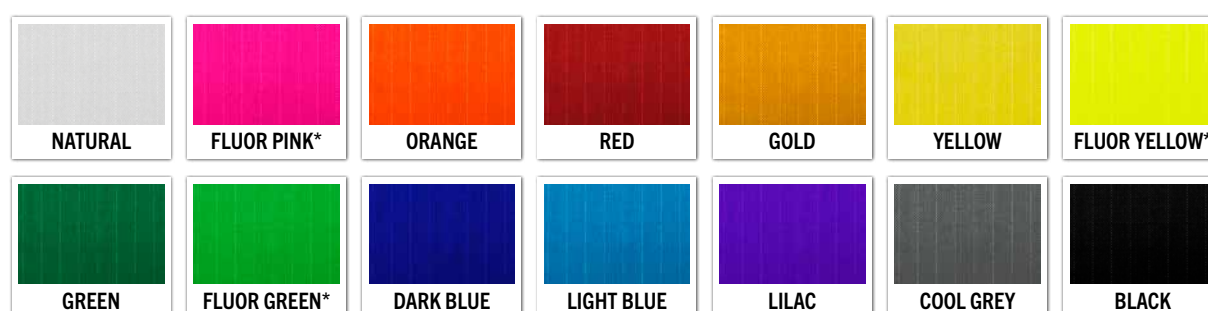


APPLICATIONS SUPERLITE & SUPERKOTE SYMMETRIC

LUFF LENGTH IN M	LIGHT	MEDIUM	HEAVY
± 12	SL 50	SK 60	SK 90
± 15	SL 50	SK 70	SK 130
± 18	SL 50	SK 75	SK 150
± 21	SL 50	SK 90	SK 150
± 24	SK 60	SK 90	SK 250
± 27	SK 60	SK 90	SK 250
± 30	SK 60	SK 130	SK 250
± 33	SK 60	SK 130	SK 350

APPLICATIONS SUPERLITE & SUPERKOTE ASYMMETRIC

LUFF LENGTH IN M	SAIL AWA		REACHER			RUNNER	
	LIGHT 70°-120°	MEDIUM 70°-120°	HEAVY 90°-130°	LIGHT 110°-150°	MEDIUM 110°-150°	HEAVY 120°-165°	
± 12	SL 50	SK 80-60	SK 90	SL 50	SK 60	SK 130-90	
± 15	SL 50	SK 80-60	SK 130-90	SL 50	SK 60	SK 130-90	
± 18	SL 50	SK 80	SK 130-90	SL 50	SK 70	SK 130	
± 21	SK 60-50	SK 130-90	SK 150-130	SL 50	SK 80-60	SK 150-130	
± 24	SK 60-50	SK 130-90	SK 250-150	SL 50	SK 80-60	SK 250-150	
± 27	SK 80-60	SK 130	SK 350-250	SK 60	SK 130-90	SK 200	
± 30	SK 80-60	SK 150	SK 350-250	SK 60	SK 150-130	SK 250	
± 33	SK 80-60	SK 200	SK 350-250	SK 60	SK 150	SK 350-250	



*Fluorescent colours are more sensitive to UV and therefore not recommended for offshore and transoceanic sailing.



PROKOTE

High performance spinnaker cloth

➔ *Designed for radial cut spinnakers*

Prokote is the new high performance spinnaker cloth and the successor to Powerkote. Engineered to meet the specific performance requirements of asymmetrical spinnakers on the latest generation of dinghies, one design keel boats, light displacement yachts and multihulls.

The building blocks for the Prokote range are the same warp-oriented constructions found in our Superkote styles, constructions that have a proven record for performance and durability. Prokote features a next-gen PU chemistry, which is 25 percent firmer than the finish of Superkote, that provides unparalleled stability to the cloth, ensuring that the sail remains crisp even sailing in the wettest conditions. Compared to polyester spinnaker fabrics, Prokote exhibits higher resiliency to shock loads and better burst strength.

Based on the same constructions, Prokote and Superkote materials can be mixed in the same spinnaker designs, offering designers the unique possibility to add stability in the leading edge and tack sections with Prokote while using Superkote in the aft panels for a more flexible exit contributing to easier and more forgiving trimming on asymmetrical spinnakers. With Contender Sailcloth's extensive range of styles, designers can optimize the strength-to-weight ratio of the sail for maximum performance.

Prokote, the ultimate choice for professional sailors seeking performance and durability in their spinnakers.

APPLICATIONS PROKOTE

SAIL AWA LUFF LENGHT IN M	REACHER			RUNNER		
	LIGHT 70°-120°	MEDIUM 70°-120°	HEAVY 70°-120°	LIGHT 110°-150°	MEDIUM 110°-150°	HEAVY 120°-165°
12	PRO 50	PRO 80-60	PRO 90	PRO 50	PRO 60	PRO 130-90
15	PRO 50	PRO 80-60	PRO 130-90	PRO 50	PRO 60	PRO 130-90
18	PRO 50	PRO 80	PRO 130-90	PRO 50	PRO 60	PRO 130
21	PRO 60-50	PRO 130-90	-	PRO 50	PRO 80-70	-

Prokote 75 is available in: Natural / Red / Dark Blue / Cool Grey / Black.

MAXIKOTE

Professional quality fabric for asymmetric spinnakers on light-weight racing boats

➔ *Designed for radial cut spinnakers*

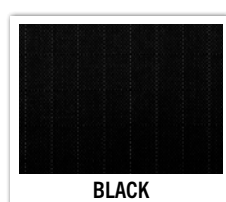
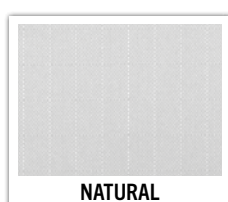
Maxikote spinnaker fabric is woven with polyester yarns and finished with our very stable and durable polyurethane coating. The result is that Maxikote has very little elasticity and makes very form-stable sails due to its low stretch. The stability and the range of weights of the Maxikote series are designed so that your sailmaker can combine different weights of compatible cloth to achieve the best strength/weight ratio for your spinnaker.

Maxikote is specially designed to meet the specific performance requirements of asymmetric spinnakers on the latest generation light displacement yachts, dinghies and catamarans.

APPLICATIONS MAXIKOTE

LUFF LENGTH IN M	LIGHT	MEDIUM	HEAVY
12	MK 70	MK 100	MK 150
15	MK 100 / MK 70	MK 150 / MK 100	MK 150
18	MK 100 / MK 70	MK 150 / MK 100	MK 200 / MK 150
21	MK 150 / MK 100	MK 200 / MK 150	MK 200 / MK 150
24	MK 150 / MK 100	MK 200 / MK 150	MK 300 / MK 200
27	MK 200 / MK 100	MK 200 / MK 150	MK 300 / MK 200
30	MK 200 / MK 100	MK 300 / MK 200	MK 300
33	MK 200 / MK 100	MK 300 / MK 200	MK 300

Maxikote 100 is available in: Natural / Red / Dark Blue / Cool Grey / Black.





DYNAKOTE

PU coated nylon with a silicone finish for a slippery surface

➔ *Designed for radial cut spinnakers*

Dynakote 70 and 75 are high performance spinnaker fabrics with high stability, low weight, and zero porosity that have the same construction and polyurethane based coating as Superkote 70 and 75.

The exclusive Dynakote finish adds a Nano surface coating to the fabric. The effect is a very smooth slippery surface which means that you can hoist and lower your sail faster, gybe quickly and more smoothly. The excellent water repellency ensures that your spinnaker stays light and dry for a long time, maintaining their bias stability even in the toughest conditions.



STYLE	DYNAKOTE	
REFERENCES	70	75
WEIGHT IN G/M ²	38	40
Natural	✓	✓
Fluor Pink*	-	✓
Orange	-	✓
Red	✓	✓
Gold	-	✓
Yellow	-	✓
Fluor Yellow*	-	✓
Green	-	✓
Fluor Green*	-	✓
Dark Blue	✓	✓
Light Blue	-	✓
Lilac	-	✓
Cool Grey	-	✓
Black	-	✓

* Fluorescent colours are more sensitive to UV and therefore not recommended for offshore and transoceanic sailing.



LAMINATES CROSS-CUT



Woven in different countries of the European Union,
finished at Contender Finishing GmbH

www.contendersailcloth.com

Go the extra mile!



MAXX® ARAMID

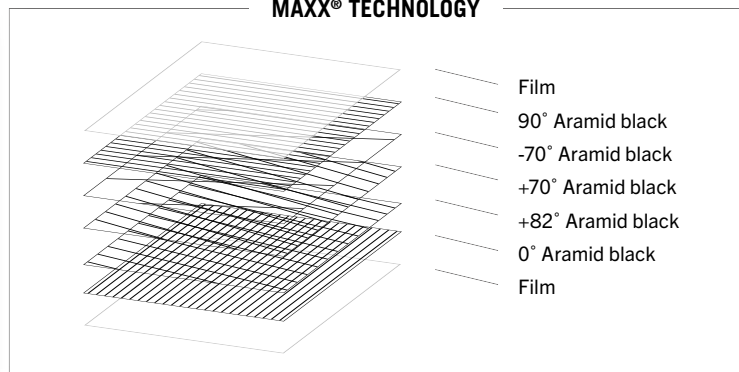
Superior shape holding and ultra-stable laminate

➔ *Designed for cross-cut racing laminates sails*

MAXX® Racing laminates are favourite for cross-cut sails with dinghy sailors at Olympic-, international-, national- and club level. This stable MAXX® Racing laminate has proved itself time and again to be both versatile and long lasting on racecourses all over the world. The fibers in MAXX® laminates are laid at varying angles so that the sail forces are evenly distributed throughout the horizontal panels of the sail. The result is superior shape holding and efficiency over a wide range of wind conditions. Mylarply: The yarns are laminated between two layers of film. These are the lightest racing laminates for cross-cut sails.



MAXX® TECHNOLOGY



APPLICATIONS MAXX® ARAMID

BOAT LENGTH		MAINSAIL		HEADSAIL		
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%	150%
± 24	± 7	MAXX 15	MAXX 06	MAXX 15	MAXX 15	MAXX 06
± 28	± 8	-	MAXX 15	MAXX 15	MAXX 15	MAXX 06
± 32	± 10	-	-	-	MAXX 15	MAXX 15



MAXX® ENDUMAX GP

An ultra-stable and lightweight performance laminate

➔ *Designed for cross-cut sails*

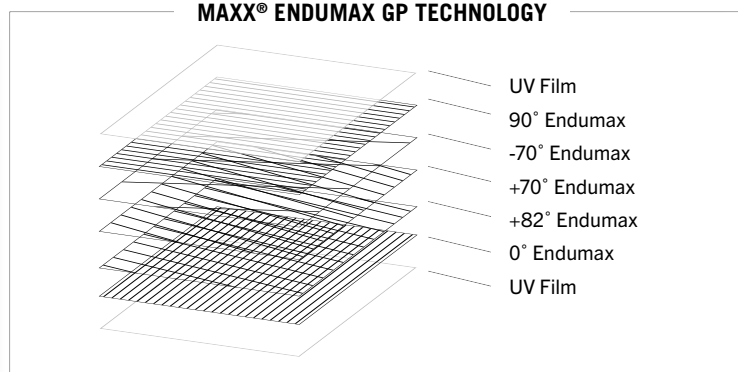
Our asymmetrical MAXX® concept has evolved further in a technically sophisticated range of laminates for cross-cut applications. Thanks to the high performance Endumax film, we have successfully engineered a 3rd generation MAXX® laminate. Endumax is a unique product from Teijin Aramid, a super high modulus film, 1.5 times the modulus of aramid, with excellent flex and UV properties. The very thin film tapes allow us to cross-ply them without crimp by laminating them between two layers of specially UV treated polyester film. MAXX® Endumax GP will meet the highest standards of modern sail design. In the MAXX® concept, the Endumax film tapes are laid asymmetrically at various angles so that the sail forces are evenly distributed in the sail. Endumax tapes are incredibly thin which makes for a laminate with perfect encapsulation around the tapes and eliminates any water absorption.

Key properties of MAXX® Endumax GP

Zero water absorption, zero crimp, extremely low stretch, superb strength-to-weight ratio, high abrasion resistance, very good UV resistance due to the use of a special UV treated polyester film in combination with Endumax. The benefits of sail made in MAXX® Endumax GP are membrane looks, extremely high performance, combined with the advantages of roll goods. MAXX® reduces waste to an absolute minimum.



MAXX® ENDUMAX GP TECHNOLOGY



TECHNICAL SPECIFICATIONS MAXX® ENDUMAX GP

STYLE	FILM MIL	DPI
MAXX® Endumax 05 GP	1.5	5000
MAXX® Endumax 10 GP	1.5	10000



MAXX® ENDUMAX ENDURO

Endumax Cross-Cut, an ultra-stable and durable performance laminate

➔ *Designed for cross-cut sails from 28 to 52 feet*

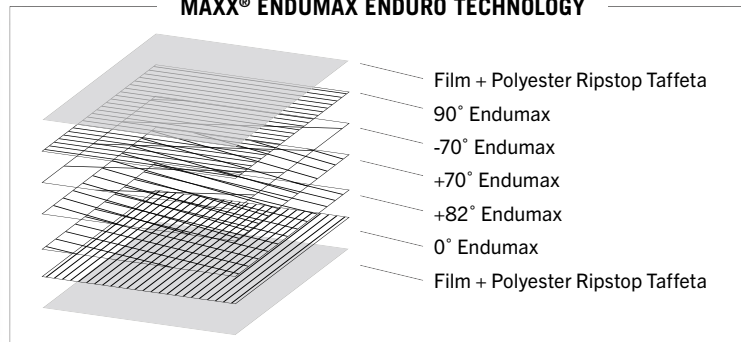
Our asymmetrical MAXX® concept has evolved further in a technically sophisticated range of laminates for cross-cut applications finished with a lightweight taffeta. Thanks to the high performance Endumax film, we have successfully engineered a 3rd generation MAXX® laminate. Endumax is a unique product from Teijin Aramid, a super high modulus film, 1.5 times the modulus of aramid, with excellent flex and UV properties. The very thin film tapes allow us to cross-ply them without crimp by laminating them between two layers of specially UV treated polyester film. MAXX® Endumax Enduro will meet the highest standards of modern sail design.

Key properties of MAXX® Endumax Enduro

Zero water absorption, zero crimp, extremely low stretch, superb strength-to-weight ratio, high abrasion resistance, very good UV resistance due to the use of a special UV treated polyester film in combination with Endumax. The benefits of sail made in MAXX Endumax Enduro are membrane looks, extremely high performance, combined with the advantages of roll goods. MAXX® reduces waste to an absolute minimum.



MAXX® ENDUMAX ENDURO TECHNOLOGY



APPLICATIONS MAXX® ENDUMAX ENDURO

BOAT LENGTH		MAINSAIL		HEADSAIL		
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%	150%
± 28	± 8	ENDU 10	ENDU MAIN 06	ENDU 05	ENDU 05	ENDU 05
± 32	± 10	ENDU 10	ENDU MAIN 06	ENDU 10	ENDU 05	ENDU 05
± 38	± 11	ENDU 15	ENDU MAIN 12	ENDU 10	ENDU 10	ENDU 05
± 42	± 12	ENDU 15	ENDU MAIN 12	ENDU 15	ENDU 10	ENDU 10
± 48	± 14	-	ENDU 15	ENDU 15	ENDU 10	ENDU 10
± 52	± 16	-	ENDU 15	-	ENDU 15	ENDU 15



LAMINATES RADIAL-CUT



Woven and finished in different countries of the European Union and in the USA

www.contendersailcloth.com

Go the extra mile!



ZL CODE ZERO POLYESTER

Great performance on beam/broad reach courses

➔ *Designed for radial cut sails*

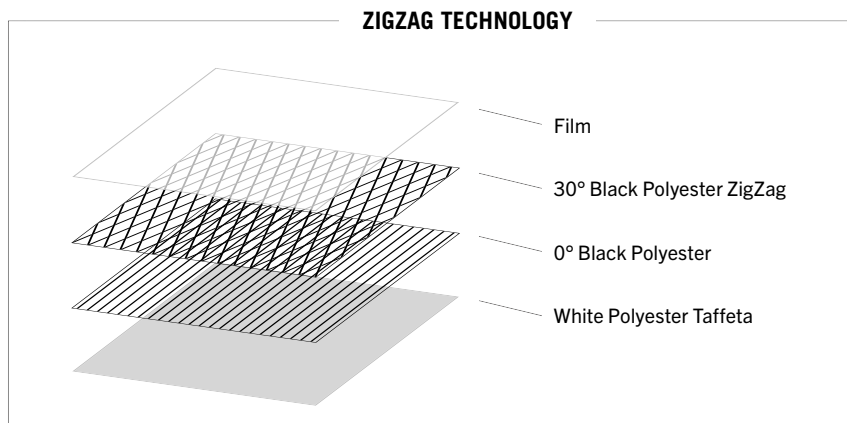
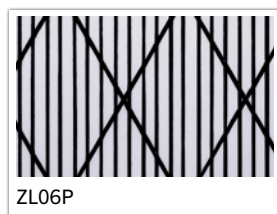
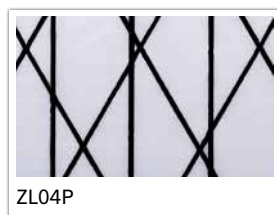
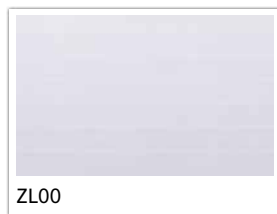
Based on the popular ZL Aramid Black performance Code 0 styles, our ZL Polyester styles offer the cruiser and cruiser-racer a cost effective way to power up their reaching and down-wind performance.

Using a 50 x 50 denier plain weave taffeta for durability and .5 mil film for stability, the ZLP 04 and 06 use a black polyester warp insertion for thread-line strength combined with a 1000 denier black poly fiber at 30° off the warp for added off-angle strength.

Light-weight durable laminate for cruiser and cruiser-racer gennakers and Code 0's
 Black polyester warp insertion and ZigZag off-angle yarns for strength and tear resistance
 White taffeta for a more traditional appearance

ZL Code Zero Polyester Laminate

Our ZigZag fiber layout ensures efficient support and distribution of the loads over the radial panels in your sail. The effect of this fibre layout is to reduce the load on the Mylar film, helping the sail to retain its shape longer.



APPLICATIONS ZL CODE ZERO POLYESTER

LUFF LENGTH IN M	CODE ZERO 50° - 90°	GENNAKER
12	ZL06P/ZL04P	ZL04P
15	ZL06P/ZL04P	ZL06P/ZL04P

ZL-U PERFORMANCE CRUISE CODE LAMINATES

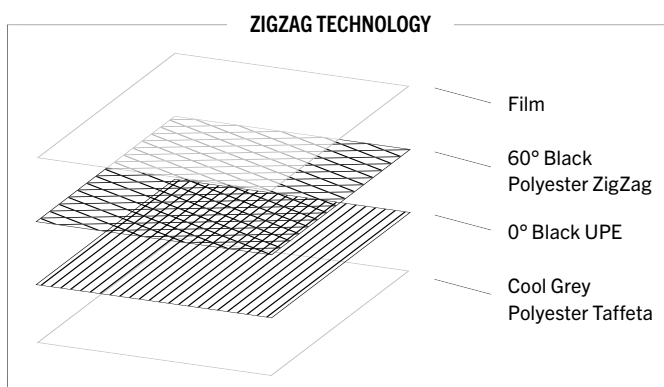
Great performance on beam/broad reach courses

➔ *Designed for radial cut sails*

The ZL-U Performance Cruise style is tailored to performance-oriented cruisers and is offered in three weight options.

This laminate range utilizes UPE warp fibers in conjunction with a polyester cross-ply and a 50x50 taffeta weave.

The inclusion of UPE warp fibers imparts a notable durability and shape-holding capability to the cloth, making it a well-suited choice for cruisers seeking improved downwind performance. The integration of a 50x50 taffeta fabric further enhances the ZL-U design, offering a soft and comfortable hand, while a PET cross-ply construction reinforces tear resistance, adding a measure of longevity and reliability.



APPLICATIONS

ZL-U PERFORMANCE CRUISE CODE LAMINATES

BOAT LENGTH		CODE ZERO 50° - 90°
IN FT	IN M	
± 28	± 8	ZL-U 05
± 32	± 10	ZL-U 05
± 36	± 11	ZL-U 05
± 40	± 12	ZL-U 05 / 07
± 44	± 13	ZL-U 05 / 07
± 48	± 14	ZL-U 07
± 52	± 16	ZL-U 07 / 10
± 58	± 18	ZL-U 10
± 65	± 20	ZL-U 10



ZULU CODE ARAMID & UPE LAMINATES

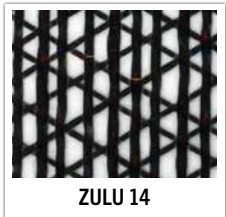
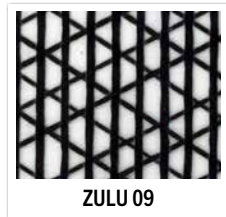
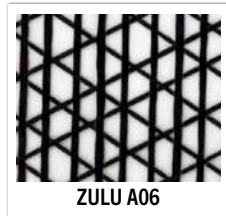
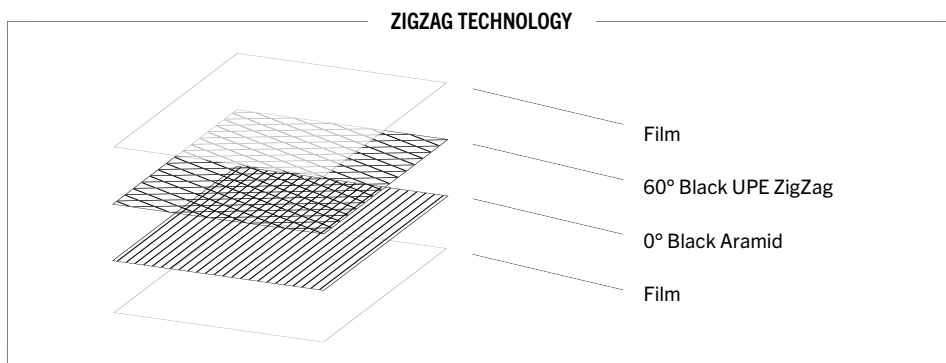
Designed for Grand Prix applications

➔ *Designed for radial cut sails*

Code Zulu is a film/film ultralight laminate provides optimal strength-to-weight performance. This laminate range features high modulus aramid warps and a UPE cross-ply construction, available in a weight range from 85 g/m² to 240 g/m².

Primarily intended for use in Code sails, staysails, and gennakers on large catamarans, Code Zulu excels in delivering a balance of ultra-lightweight composition, high strength, minimal stretch, tear resistance, stability, and trans-directional strength.

Additionally, the multi-pass lamination process employed in its production enhances bonding strength and minimizes fiber fraying, Providing a clean look and long-lasting performance.



APPLICATIONS ZULU CODE ARAMID & UPE

LUFF LENGHT		CODE ZERO 50° - 90°
IN FT	IN M	
± 40	± 12	ZULU 04
± 47	± 14.5	ZULU 04 / 06
± 61	± 18.5	ZULU 06
± 69	± 21	ZULU 06 / 09
± 76	± 23	ZULU 09
± 86	± 26	ZULU 09 / 14
± 96	± 29	ZULU 18

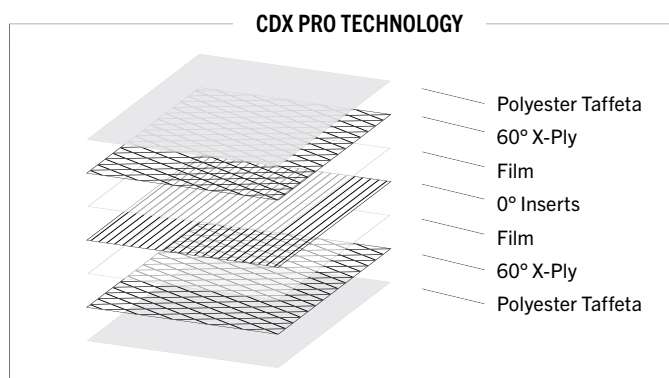
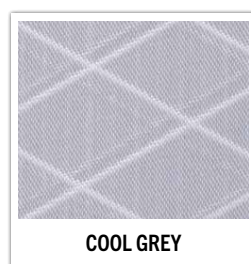
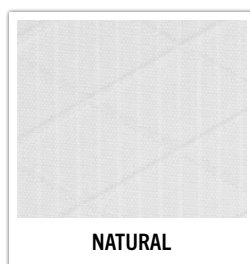
CDX PRO POLYESTER CRUISING LAMINATES

For comfort and performance

➔ *Designed for radial cut sails from 28 to 48 feet*

CDX laminates are engineered for durability and cruising performance. We have designed the CDX Pro range around a series of sub-assemblies using different weights of taffetas and a 500 denier polyester cross-ply. These sub-assemblies are combined one with another and a 6000 dpi polyester insertion to create a complimentary range of styles stepping up in weight and strength.

TiO₂ in the adhesive adds to UV resistance and a robust anti-mildew additive provides advanced protection against mildew. We have also made a big improvement in the weight of the CDX Pro styles to make the fabrics more efficient in terms of strength to weight which will improve lower wind range performance and ease of handling.



APPLICATIONS CDX PRO CRUISING LAMINATES

BOAT LENGTH		MAINSAIL		FURLING	
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%
± 28	± 8	CDX7	CDX Pro 6	CDX Pro 6	CDX Pro 6
± 32	± 10	CDX7	CDX Pro 7	CDX Pro 7	CDX Pro 7
± 36	± 11	CDX9	CDX Pro 7/9	CDX Pro 9	CDX Pro 7
± 40	± 12	CDX9/11	CDX Pro 9	CDX Pro 11	CDX Pro 9
± 44	± 13	CDX11	CDX Pro 11	CDX Pro 11	CDX Pro 11
± 48	± 14	CDX11	CDX Pro 11	CDX Pro 11	CDX Pro 11



ZZ ULTRA PE CRUISING LAMINATES

For comfort, extra performance and durability

➔ *Designed for radial cut sails from 38 to 85 feet*

Our ZZ Ultra PE cruising fabrics for radial designed sails take advantage of the singular properties of fibers in the Ultra High Molecular Weight PolyEthylene UHMWPE family. Dyneema is an example of UHMWPE fibers which are known for their exceptional strength and low stretch, as well as being immune to UV and flex degradation.

We combine our high grade Ultra PE in a weave with high tenacity polyester that creates a woven taffeta with excellent chafe resistance and bond strength to the film. The ZZ Cross-Ply fill of UHMWPE is supported by an Ultra PE ripstop fill yarn for off the charts tear resistance, as well as fill and bias stability. The result is a range of fabrics that will make long lasting cruising sails that hold their shape for years of service to the quality minded cruiser.



The three lightest weights of the ZZ Ultra PE consist of a woven Ultra PE taffeta on one side of a film and tightly woven high tenacity polyester taffeta on the other. The three heavier weights, 495, 575, and 645, are generated from combination of the lighter weight Ultra PE weaves on either side of the film.

APPLICATIONS ZZ ULTRA PE CRUISING LAMINATES

BOAT LENGTH		MAINSAIL		HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100% FURLING	135% FURLING
± 38	± 10	ZZ-U 345	ZZ-U 245	ZZ-U 345	ZZ-U 245
± 42	± 11	ZZ-U 345	ZZ-U 345	ZZ-U 345	ZZ-U 345
± 48	± 12	ZZ-U 445	ZZ-U 445	ZZ-U 445	ZZ-U 345
± 52	± 13	ZZ-U 445	ZZ-U 445	ZZ-U 445	ZZ-U 445
± 58	± 18	ZZ-U 495	ZZ-U 495	ZZ-U 495	ZZ-U 345
± 65	± 20	ZZ-U 495 / 575	ZZ-U 495	ZZ-U 495	ZZ-U 445
± 75	± 23	ZZ-U 645	ZZ-U 575	ZZ-U 575	ZZ-U 495
± 85	± 26	-	ZZ-U 645	ZZ-U 645	ZZ-U 575



APEN RACING ONE DESIGN LAMINATES

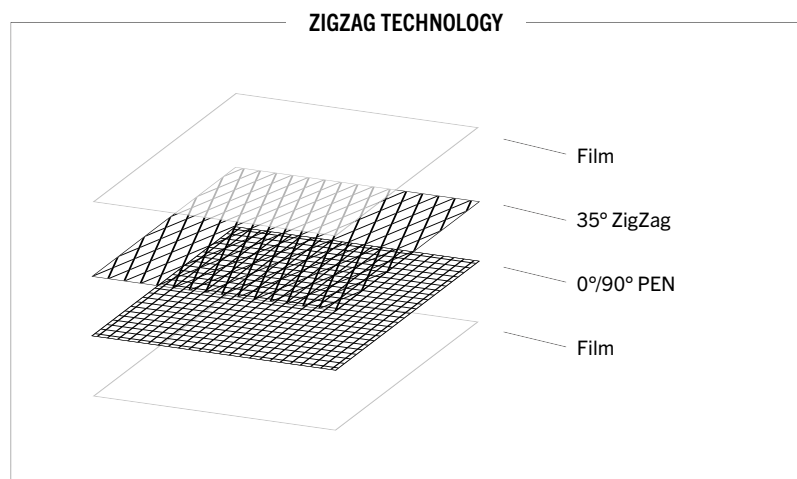
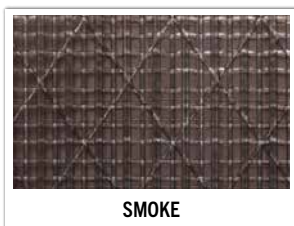
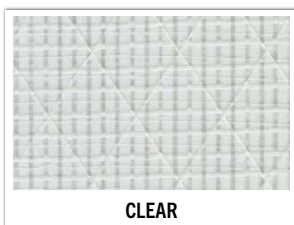
ZigZag reinforced Pen Laminate for the racing sailor

➔ *Designed for radial cut sails*

Contender PEN Racing laminate is a favourite among racing sailors from club to international and Olympic level. Our Apen Racing laminates made with ZigZag yarn technology enable you to have a sail made of radial panels that matches the modern rigging of your dinghy or yacht. The result is fast and durable sails that have proved themselves time and again on the racecourse, thanks to their wide trimming range and the great durability. Our ZigZag fiber layout ensures efficient support and distribution of the loads over the radial panels in your sail. The effect of this fiber layout is to reduce the load on the Mylar film, helping the sail to retain its shape longer. Thanks to continuous innovation in collaboration with sailmakers and yachtsmen throughout the world, we have successfully developed a technologically sophisticated range of laminated sailcloths that meet the highest demands of modern sail design.

APEN Racing One Design Laminates

APEN 06 OD has 3.0 mil film thickness and is designed for demanding One Design applications such as the Olympic Nacra 17 catamaran. The APEN 06 OD is available in Clear and Smoke. The Apen 06 with 1.5 mil film is available in clear only.





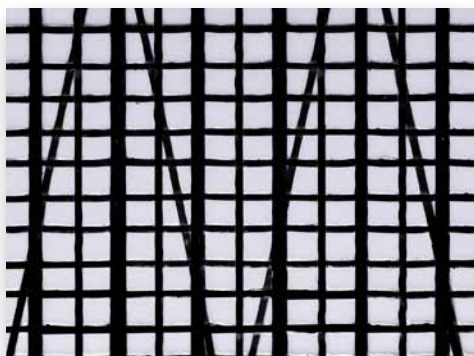
ZZ BLACK POLYESTER LAMINATES

ZigZag reinforced Polyester radial laminate for the racing sailor

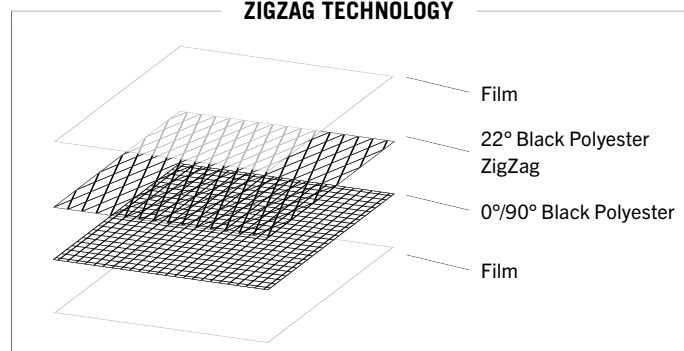
➔ *Designed for radial cut sails from 24 to 36 feet*

Following on the success of the ZZ Black Aramid laminates, the ZZ Polyester (ZZP) styles incorporate the same formed scrim and insertion technology to create a range of fabrics based on high tenacity polyester fibers. Polyester has excellent resistance to flex and its UV durability is further enhanced by a carbon black coating on the formed scrim. Designed for radial applications, the ZZP styles step up in incremental warp fiber content from 6,000 to 19,500 denier per inch, while the ZZP 13 and 19 also see an increase in fill strength as well. Primary thread line strength is supplemented with a ZigZag of 1,000 denier black polyester fibers at 22° on either side of the warp for improved cloth stability and tear strength.

ZZ Polyester laminates are a durable and economical option for many small boats and one design classes that restrict the use of higher modulus fibers. At the same time they present a technical appearance in keeping with the carbon and black aramid fabrics on larger race boats.



ZIGZAG TECHNOLOGY



APPLICATIONS ZZ BLACK POLYESTER LAMINATES

BOAT LENGTH		MAINSAIL		HEADSAIL		
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%	150%
± 24	± 7	ZZP19	ZZP09 / ZZP13	ZZP09 / ZZP13	ZZP06 / ZZP09	ZZP06
± 28	± 8	ZZP19	ZZP13 / ZZP19	ZZP13 / ZZP19	ZZP09 / ZZP13	ZZP06 / ZZP09
± 32	± 10	-	ZZP13 / ZZP19	ZZP13 / ZZP19	ZZP13 / ZZP19	ZZP09 / ZZP13
± 36	± 11	-	ZZP13 / ZZP19	-	ZZP19	ZZP13 / ZZP19



ZZ BLACK ARAMID LAMINATES

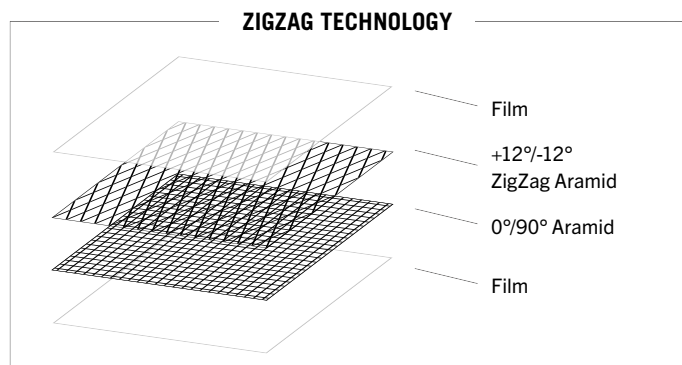
ZigZag reinforced aramid laminate for the racing sailor

➔ *Designed for radial cut from 24 to 40 feet*

Contender Racing laminates are favourites among racing sailors from club to international level. Our ZZ Black Aramid Laminates made with ZigZag yarn technology enable you to have a sail made of radial-panels that matches the modern rigging of your dinghy or racing yacht. The result is fast and durable sails that have proved themselves time and again on the racecourse, thanks to their wide trimming range and great durability.

Our ZigZag fiber layout ensures efficient support and distribution of the loads over the radial panels in your sail. The effect of this fiber layout is to reduce the load on the Mylar film, helping the sail to retain its shape longer.

Thanks to continuous innovation in collaboration with sailmakers and yachtsmen throughout the world, we have successfully developed a technologically sophisticated range of laminated sailcloths that meet the highest demands of modern sail design.



APPLICATIONS ZZ BLACK ARAMID LAMINATES

BOAT LENGTH		MAINSAIL		HEADSAIL		
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%	150%
± 32	± 10	ZZ15/ZZ18	ZZ09	ZZ15	ZZ09	ZZ06
± 36	± 11	ZZ-18	ZZ15-ZZ09	ZZ15	ZZ15/ZZ09	ZZ09
± 40	± 12	-	ZZ18-ZZ18	ZZ18/ZZ15	ZZ15	ZZ15/ZZ09
± 44	± 13	-	ZZ18	ZZ18	ZZ18	ZZ15
± 48	± 15	-	-	-	-	ZZ18



ZZ JET BLACK ARAMID LAMINATES

ZigZag reinforced aramid laminate for the racing sailor

➔ *Designed for radial cut from 24 to 40 feet*

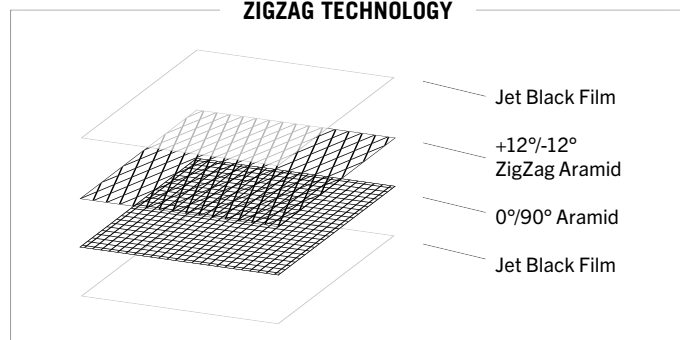
Contender Racing laminates are favourites among racing sailors from club to international level. Our ZZ Black Aramid Laminates made with ZigZag yarn technology enable you to have a sail made of radial panels that matches the modern rigging of your dinghy or racing yacht. The result is fast and durable sails that have proved themselves time and again on the racecourse, thanks to their wide trimming range and the great durability.

Our ZigZag fiber layout ensures efficient support and distribution of the loads over the radial panels in your sail. The effect of this fiber layout is to reduce the load on the Mylar film, helping the sail to retain its shape longer.

Thanks to continuous innovation in collaboration with sailmakers and yachtsmen throughout the world, we have successfully developed a technologically sophisticated range of laminated sailcloths that meet the highest demands of modern sail design.



ZIGZAG TECHNOLOGY



APPLICATIONS ZZ JET BLACK ARAMID LAMINATES

BOAT LENGTH		MAINSAIL		HEADSAIL		
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%	150%
± 32	± 10	ZZ15/ZZ18	ZZ09	ZZ15	ZZ09	-
± 36	± 11	ZZ18	ZZ15/ZZ09	ZZ15	ZZ15/ZZ09	ZZ09
± 40	± 12	-	ZZ18/ZZ15	ZZ18/ZZ15	ZZ15	ZZ15/ZZ09
± 44	± 13	-	ZZ18	ZZ18	ZZ18	ZZ15
± 48	± 15	-	-	-	-	ZZ18



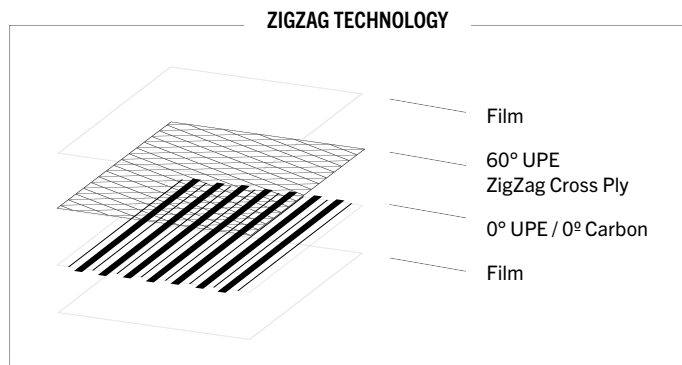
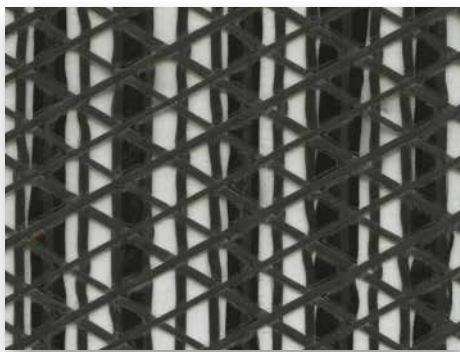
ZZ-C CARBON LAMINATES

Carbon-UPE construction for strength and durability

➔ *Designed for radial cut sails from 25 to 50 feet*

ZZ-C carbon laminates are a cutting-edge range of film/film laminates that leverage the exceptional modulus and UV resistance of carbon fiber. These laminates are designed to provide superior strength, flexibility, UV durability, and overall performance through a unique Carbon-UPE construction. The grid of UPE cross-ply enhances the properties of the carbon fiber and the combination of both yarns ensures outstanding durability and strength making ZZ-C well-suited for various high performance applications.

The use of a multi-pass lamination technique, which involves several light layers of adhesives between each ply in the laminate, not only enhances the bonding strength but also prevents carbon filament fraying, contributing to ZZ-C's reliability and longevity. The ZZ cross-ply construction further fortifies these laminates, providing added tear strength and bias stability, making them ideal for a wide range of applications. Despite their exceptional strength and durability, ZZ-C carbon laminates offer a soft hand, making them easy to handle.



APPLICATIONS ZZ-C CARBON LAMINATES

BOAT LENGTH		MAINSAIL			HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%	150%
± 25	± 8	ZZ-C 10	ZZ-C 10	ZZ-C 10		
± 30	± 9	ZZ-C 14 - ZZ-C 10	ZZ-C 10	ZZ-C 10	ZZ-C 10	
± 35	± 10	ZZ-C 18 - ZZ-C 14	ZZ-C 14 - ZZ-C 10	ZZ-C 14	ZZ-C 14 - ZZ-C 10	ZZ-C 10
± 40	± 12	ZZ-C 21 - ZZ-C 18	ZZ-C 18 - ZZ-C 14	ZZ-C 18	ZZ-C 18 - ZZ-C 14	ZZ-C 14 - ZZ-C 10
± 45	± 14	ZZ-C 21	ZZ-C 21 - ZZ-C 18	ZZ-C 21	ZZ-C 21 - ZZ-C 18	ZZ-C 18 - ZZ-C 14
± 50	± 15					ZZ-C 21 - ZZ-C 18

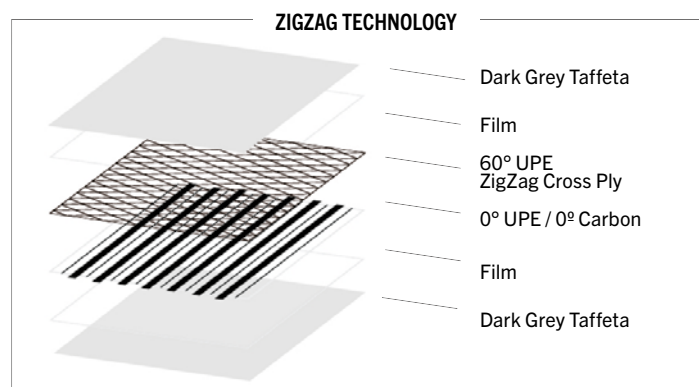


ZZ-CE CARBON ENDURO LAMINATES

Carbon-UPE constructions with taffeta skins

➔ *Designed for radial cut sails from 25 to 50 feet*

The ZZ Carbon Enduro line is engineered for competitors seeking enhanced durability in offshore and performance applications. These laminates utilize Contender's lightweight ZZ-C carbon UPE construction and add reinforcement with TFT (thin fiber taffeta) skins on both sides. The woven construction of the TFT skins offers superior durability over non woven options and serves to minimize fraying and wear caused by abrasion. The TFT skins make ZZ-CE a reliable choice for challenging offshore conditions. As with the ZZ-C style, the multi-pass lamination used in ZZ-CE production process is a key feature in the durability and shape retention of this cloth. This technique not only ensures a robust bond but also prevents fraying, addressing a common issue in carbon fiber constructions. The ZZ-CE Carbon Enduro laminates, with their blend of lightweight construction and durability, are particularly suitable for offshore applications where reliability is of utmost importance for competitors.



APPLICATIONS ZZ CARBON ENDURO TFT LAMINATES

BOAT LENGTH		MAINSAIL			HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%	150%
± 25	± 8	ZZ-CE 10	ZZ-CE 10	ZZ-CE 10		
± 30	± 9	ZZ-CE 14 - ZZ-CE 10	ZZ-CE 10	ZZ-CE 10	ZZ-CE 10	
± 35	± 10	ZZ-CE 18 - ZZ-CE 14	ZZ-CE 14 - ZZ-CE 10	ZZ-CE 14	ZZ-CE 14 - ZZ-CE 10	ZZ-CE 10
± 40	± 12	ZZ-CE 21 - ZZ-CE 18	ZZ-CE 18 - ZZ-CE 14	ZZ-CE 18	ZZ-CE 18 - ZZ-CE 14	ZZ-CE 14 - ZZ-CE 10
± 45	± 14	ZZ-CE 21	ZZ-CE 21 - ZZ-CE 18	ZZ-CE 21	ZZ-CE 21 - ZZ-CE 18	ZZ-CE 18 - ZZ-CE 14
± 50	± 15					ZZ-CE 21 - ZZ-CE 18



WEATHERMAX



Made in the USA

www.contendersailcloth.com

Go the extra mile!



WEATHERMAX

Boat Cover / Canopy / UV Protection / Awning

➔ WeatherMAX LT and 80

Contender distributes the WeatherMAX cover and awning material – a fabric that combines breakthrough UV technology with water resistance and durability. WeatherMAX is the perfect balance of science, toughness and style.

The WeatherMAX fabric has taken away the need to make a choice between a waterproof and a breathable fabric by offering a solution to both. WeatherMAX has a hydromax finish which ensures there is no need for extra coatings. This makes WeatherMAX lightweight, water resistant, non sagging and durable. The HydroMax finish also provides excellent breathability to help reduce condensation and mildew.

WeatherMAX is woven using SaturaMax yarn. SaturaMax yarn technology gives this fabric the same long term colour retention associated with acrylic materials, but with the significant advantage of higher strength, stability and abrasion resistance.

Available colours in WEATHERMAX LT - 220g/m² and in WEATHERMAX 80 - 270 g/m²:

 WHITE LT: 29372 80: 29371	 OYSTER 80: 29423	 MIST LT: 29469 80: 29468	 BEIGE 80: 29389	 SAND 80: 29376	 SANDSTONE HEATHER 80: 29470	 TOAST LT: 29347 80: 29348	 TAUPE 80: 29377		
 LIGHT CHARCOAL LT: 29333 80: 29334	 GRAPHITE 80: 29431	 SLATE HEATHER 80: 29471	 SAPPHIRE TWEED 80: 29396	 PACIFIC BLUE LT: 29345 80: 29346	 ROYAL 80: 29401	 CAPTAIN NAVY LT: 29353 80: 29354	 BLACK LT: 29335 80: 29355		
 FOREST GREEN LT: 29341 80: 29342	 MOSS 80: 29403	 YELLOW LT: 29350 80: 29352	All widths 152 cm.					* Captain Navy (29462), Light Charcoal (29446) and Black (29439) also available in width 200 cm.	
For information on Weathermax FR, SG and 3D please refer to our Hardware Catalog or www.contender.com.au									



TERMS OF TRADE

PRICES

All prices quoted are in Australian \$ and are exclusive of GST ex warehouse Mona Vale NSW. Prices are subject to change without notice.

PAYMENT

Payment is strictly net on the 25th of the month following the date of invoice. If payment is not received by the 25th of the following month we reserve the right to charge 1.5% of the value of the order for every month, or part thereof that the account is outstanding.

We reserve the right to charge for carriage and packing for all orders delivered of less than \$ 2500 of goods value including GST. Special freight terms apply for area's outside capital cities.

Please note a 1.5% surcharge applies to all credit card payments. We do not accept American Express creditcards.

OVERDUE ACCOUNTS

Shipment of new orders may be withheld in the event of an account being overdue. Ownership of goods does not pass until payment is made in full.

We reserve the right to charge for carriage and packing for all orders delivered of less than \$ 2500 of goods value including GST. Special freight terms apply for area's outside capital cities.

Please note a 1.5% surcharge applies to all credit card payments. We do not accept American Express creditcards.

RETURNS

Return of goods must be by prior arrangement. Any goods returned for credit must be delivered to our warehouse within 60 days of invoice date.

LIABILITY

All materials sold by Contender have been specifically developed for the manufacture of sails and/or other marine associated applications. Contender can not be held liable in cases where their products are used otherwise. Product liability is restricted to the value of the single items delivered. All further liabilities are excluded. No discount apply for cut length under 10 meters.

Content and colours depicted in this sailcloth product range are indicative, no rights can be derived from this publication.

COLOUR DISCLAIMER

Whilst every effort has been made to show colours as true as possible, due to variation in print and online in monitors and browsers, the actual colour may vary from that seen online. Images are intended as a guide only and should not be regarded as absolutely correct.



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