



One design

For every single boat its own sail. Each sail is unique

We are committed to providing consulting services that are best suited for your requirements.









OUR SOLUTIONS

We offer sails conceived to last and perfectly adapted to your boat.

For easy and serene navigation, our downwind sails are conceived to be user-friendly and polyvalent, with a limited number of sails on board. Our flat sails are robust, with adapted weights and large reinforcements.

We adapt the material or the membrane in line with your program and your budget.



	Materials	Range
Flat	Dacron	D1
sails	Hydra Net® radial	D3
	Laminés Spectra	D3
Downwind	Maxilite	1
sails	Stormlite	



YOUR PROGRAM >



OUR SOLUTIONS

RACES

We offer you a package performance /endurance for a race-cruising program.

For the sake of performance and the pleasure of fine sails adjustments, our flat sails come with stable profiles while the downwind sails have specific range use.

We select the sail cloth or the membrane adapted to your program and budget.





OUR SOLUTIONS

Together we conceive the set of sails adapted to your performance targets, to your boat and according to your budget.

The profiles, surfaces and materials will be optimised according to the measurement rules. Our team will be by your side to accompany you all along the season, a customized advice.



	Materials	Range
Flat	Laminated triradial	D2 - D3
sails	D4®	D4®
-	DFi® Race	DFi®
Downwind	Laminated triradial	
sails	Superkote	
	DFi® Gennaker	:



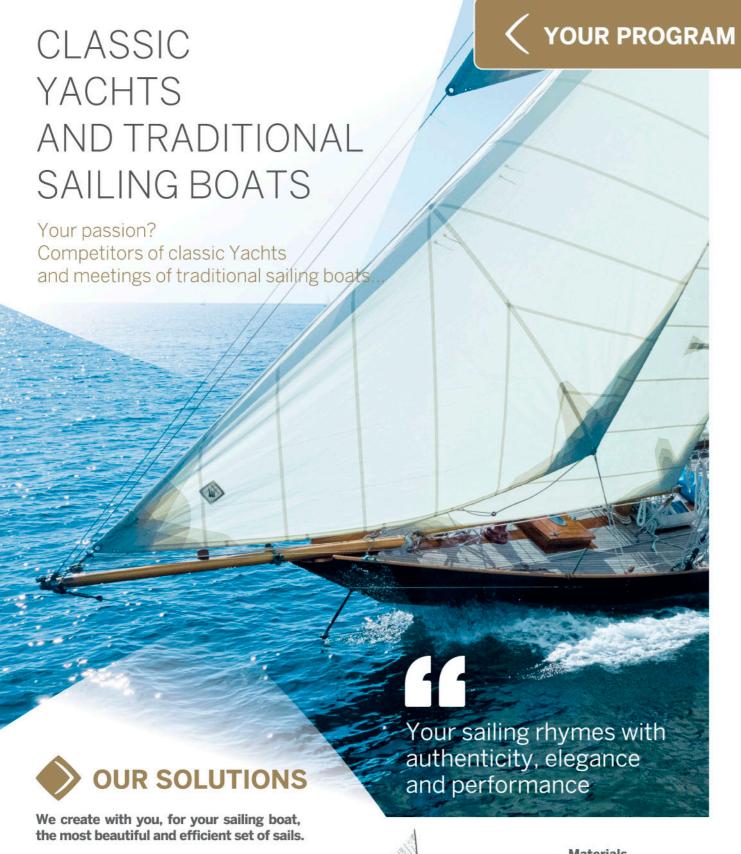
OUR SOLUTIONS

We will create the set of sails that will fully meet your requirements in terms of performance and reliability.

The profils and materials that are used to create your sails will be selected according to your racing program.

To optimise performance within your project, a multi-skilled team will provide you with guidance and advice on a long-term basis.





We make the most of our high-tech software to integrate the wooden rigs constraints to the profile structure.

Like you, we are passionate racers. We are particularly attentive to details and work with a permanent concern when it comes to elegance and authenticity. The finish is handmade, according to ancestral know-how of sail-makers masters.

Each sail is unique and conceived to win and be admired

	Materials
sails	Woven white, beige or tan polyester (other colors available on demand)
Downwind sails	Superkote

Materials are selected with care and expertise, according to the age of your boat. They are adapted to traditional cuts, to the supple structure of wooden rigs and to the measurement constraints of classic yachts.



	Materials	Range
Flat	DYS	D3
sails	D4®	D4®
	DFi® Offshore	: DFi®
Downwind	Superkote	1
	Stormlite	÷
	DF® Radial	i
	DFi® Gennaker	





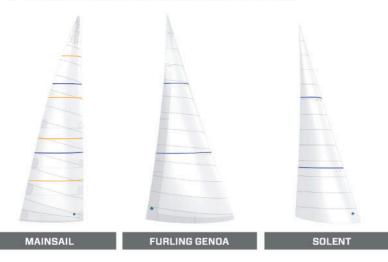
We offer you a unique set of sails conceived to last and user-friendly.

We study each and every detail of your technical specifications in order to offer you sails perfectly adapted to your needs.

Our team will be your adviser until the set-up of the sails and will ensure a follow-up.

PRODUCT LINES: flat sails

D1 Simplicity, durabilty, accessibility



CRUISE

Premium woven polyester (Dacron®)

Successful product for programs where simplicity, durabilty, accessibility are needed.

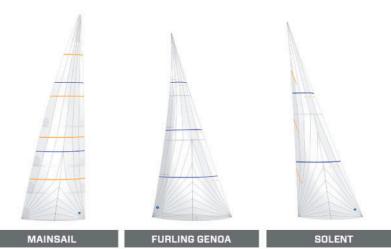


REGATTA Woven polyester, tight finish

For casual sailors on a boat going up to 30' looking for long lasting and efficient sails.



D2 Efficient, robust, cost control



CRUISE

Composite polyester or woven polyester

In its double taffetas version, the D2 range demonstrates the « best value » concept for sailors seeking performant and durable sails, for boats up to 50'.

Lightweight	
Shape hold Durability	
Budget	€€

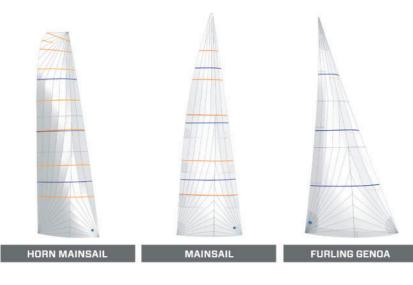
REGATTA

Composite polyester or Pentex®

In its film-film version, this D2 range perfectly matches with a regatta program on boats up to 35'.

ightweight		
Shape hold		
Durability Budget	€€€	

D3 Shape holding and durability



Mixed-fibres woven polyester Ultra PE or composite Ultra PE

Made for intensive cruising and offshore sailing. This mixed-fibres woven cloth offers a good weight/resistance ratio and bears a good lifespan. It also offers a reassuring resistance to tear.



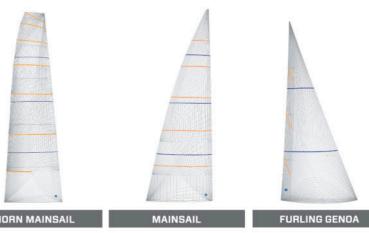
REGATTA

Aramid Composite or Carbon-Aramid

With film or taffetas finishings, the triradial fibre cuts high module to allow high-performance sails.



D4® Reliability, performance, look



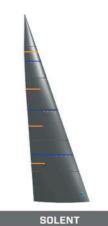
The D4® film membrane is made of encapsulated fibres sandwiched between two layers of polyester. The chemical features of the fiber (Polyester, Aramid, Vectran, Carbon...), their quantity and directions will be defined according to your boat and sailing program. The transparent film may be reinforced with taffetas to increase durability at the expense of weight. Every sail in D4® is unique and particularly aesthetic.

Lightweight
Shape hold
Durability
Budget
€€€€

Robustness, stability, lightweight, performance







Incidence's Filamentary membrane is exclusively made of pre-impregnated filaments.

The absence of PET film is made possible thanks to the bursting of the fibres into filaments therefore able to cover the full surface of the sail. It offers exceptional durability to the sails, excellent shape holding capacity and the material is extremely light.

The chemical features of the filaments (Aramid, Dyneema or FIT®), their combination, quantity and orientation are made to meet the mechanical stresses of the sail while sailing but also to fit your sailing program.



THE MATERIALS

Manufacturer's source:

Flat sails

Dacron - D1 range Woven- Crosscut - All types of boats

This standard 100% Polyester woven fabric is a classic. It is the basic material for sails made for small one-design boats to large cruise yachts: From Optimists to passenger sailing ships!

Incidence uses the Strong Fill Dacron (SF) as its technical features makes it one of the best fabric on the market, its major asset being durability. Dimension Polyant has indeed created a range with exclusive specifications for Incidence, that enables them to create stable and long-lasting sails.



DCX® - D2 range

This laminated Cruise range has been conceived with the aim of minimizing stretching, getting a better durability and good handling capacity. Two layers of Taffetas Polyester are glued on different parts of a film supported by a grid which brings excellent performances and offers a reassuring resistance to tear. External taffetas covering the film and the grid are finished with a coating UVM® for an optimal resistance to UV Rays and a reduction of mildew development



Laminated - Triradial - From 26' to 50'



Hydra Net® radial - D3 range Pro Radial - D2 range Woven - Triradial - From 30 to 56 feet Woven - Triradial - From 30' to 65'

The Pro Radial range meets the increasing requests for radial sails in woven Polyester.

The Pro-Radial has no shrinkage characteristics which is a real revolution in sails cloth and makes this woven cloth similar to a laminated Polyester one, in terms of stretching and weight, while keeping its durability, inherent to woven technology.

The Pro Radial is treated by technology UVi® for a high stability in front of UV exposure. It is available in 5 ranges from 30' to 56' boats.



The structural qualities of Hydra Net Radial® enables the replacement of laminated cloth. It associates high quality Polyester fibres to very resistant Ultra-PE fibres from the Dyneema -Spectra family.

Its one-of-a-kind weaving gives an exceptional hold, far more superior to 100% polyester materials whatever their technology. The radial cut ensures a good hold in every type of wind condition and on the long term.

This cloth presents a good weight/resistance ratio.



	Tenacity	Module	capacity	Assessmen
	cN/dTex	cN/dTex	Comment	Rating/10
Aramid	21,4	813	Correct	9
UHMWPE	35,1	1160	Medium	6
FIT	29	1050	Very good	9,5
Vectran	28	654	Very good	8
Carbon	33	1578	Very good	10
PEN	8	187	Correct	3
Polyester	10	77	Correct	2
Nylon	9,5	45	Correct	1

	Flexion resistance*	UV resistance** Assessmen	
H. H.	Loss %	Month	Rating/10
Aramid	25	2	7
UHMWPE	0	7	10
FIT	2	1	9
Vectran	2	1	9
Carbon	100	Infinite	1
PEN	0	6	9
Polyester	0	6	9
Nylon	0	3	5

Tenacity = tearing - Module = force to inflict a deformation

Aramid: Kevlar®, Twaron®

DYS® - D3 range Laminated - Triradial - From 50' to 140'

This laminate is ideal for big cruises and its shape holding properties contributes to better performance. The DYS® Offshore technology offers a high-performance material with high resistance to tear, minimal stretching, an unequal good weight/resistance ratio and easy handling. The internal structure of the DYS® is made of a very strong grid, Ultra-PE taken in between 2 films, laminated on « Ripstop » taffetas. The DYS® is user-friendly and the maintenance is easy. It complies perfectly with specific constraints related to offshore racing and is ideally suited for large sails.







DCX®







RANGES: downwing sails

Symmetrical SPI - To use with spinnaker sock



Very light weight spinnaker adapted to reaching in light winds. Flat shape.



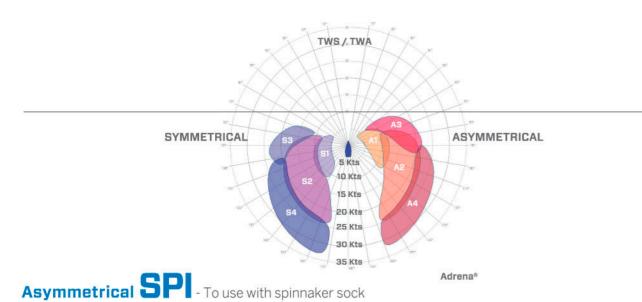
Medium weight and multipurpose downwind spinnaker.



Heavy weight spinnaker suited to higher angles in strong winds.



Heavy weight downwind spinnaker suited to sailing downwind in strong winds.



Very lightweight spinnaker adapted to reaching in light winds.



Medium weight and versatile asymmetrical downwind Spinnaker with medium weight construction.



Heavy weight spinnaker adapted to reaching in strong winds.



Heavy weight spinnaker adapted to reaching in strong winds.

CODE - Rigged on a furler These sails can be made with Incidence's membrane



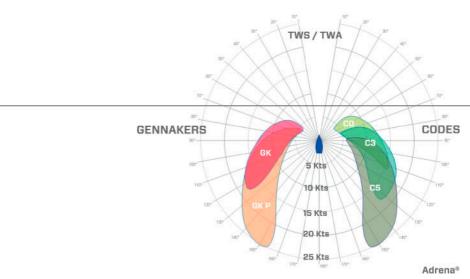
Lightweight genoa with a flat shape and light construction. The sail is ideal upwind in light air.



Gennaker a little deeper than the Code O. For reaching in moderate wind. Medium weight.



Sail dedicated to breezy conditions. Relatively deep. Heavily built.



GENNAKERS

- Rigged on a furler

These sails can be made with Incidence's membrane



DOWNWIND GENNAKER

Deep genoa, optimised for broad -reaching and downwind in medium wind.
Medium weight.



GENNAKER

The most common and versatile head sail, it may be used from 0 to 30 knots.

Medium to heavy weight.

THE MATERIALS



Downwind sails

Maxilite

Woven - Downwind Spinnakers and Gennakers

The choice of Nylon fibres, the quality of the weaving and finish of the Maxilite gives lightness, stability and resistance to tear and to rupture pressure.

The Maxilite is impregnated with a long-lasting finish.



Stormlite[®]

Woven - Gennakers and reaching leg sails

The Stormlite is used in the conception of Genakers for cruising or racing sails, resistant and easy to handle. The combination of a **Polyester** and a melanine (resin) impregnated fibre gives to the Stormlite a better shape hold than Nylon cloth normally used for Spinnakers.

Resistance to Polyester fibre stretching gives it a good shape hold in every wind circumstances. This cloth bears also a better lifespan than Nylon as it offers a better resistance to UV exposure. These features makes it particularly suitable for very large spinnakers.



Superkote®

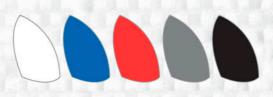
Woven - Spinnakers

The stability and lightness of the Nylon and Superkote cloths makes it possible for the Spinnakers to obtain a good ratio resistance/weight.

The Superkote polyurethane coating ensures a great stability, a minimum weight, 0% porosity and a high waterproofing.



MAXILITE - SUPERKOTE - STORMLITE (standard colors)

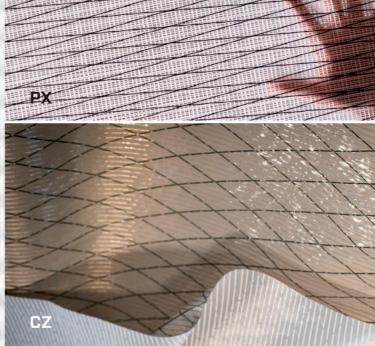


MAXILITE - SUPERKOTE (optional colors)



The PXB Polyester range benefits from a black coating on the fibres. This allows a better resistance to UV exposure and an efficient weight/stretchiness ratio during radial construction. The X-PLY® structure of Dimension-Polyant participates as a support related to secondary off-axis efforts in order to stabilize securely the material.





Developed to offer a specific Gennaker material to go upwind until 55° in very light wind or on reaching legs, in medium wind or breeze, this material, initially recommended by offshore racers seduces more and more leisure sailing sailors.

A Code Zero is flatter than a gennaker so it is often used like a light Genoa sail. The strength/weight ratio







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INCIDENCE WORLDWIDE

TOULON

CANET -

Sailing means travelling... sometimes long distances. Incidence has developed partnerships with professional sailmakers worlwilde.