

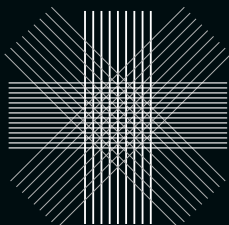
thinner
Next evolution
lighter
in laminates.
stronger

SICEN



Tyra PLY® increases profile stability while at the same time significantly reducing weight, up to 40 percent compared to comparable laminates and in some cases even to membranes.

In addition, Tyra PLY® is also more tear-resistant and has a better weight-to-strength ratio. Tyra PLY® is filmless and ultra-thin, enabling sailmakers to create sophisticated designs and different applications for racers and club racers allowing them to sail at the highest level.



Technical highlights

- Spread filament-based technology
- Best weight-to-modulus-ratio
- Exceptional support of off-angle loads
- Filmless & ultra-thin

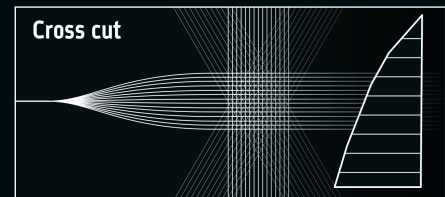
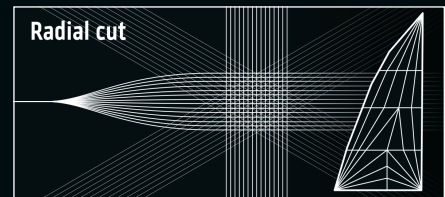
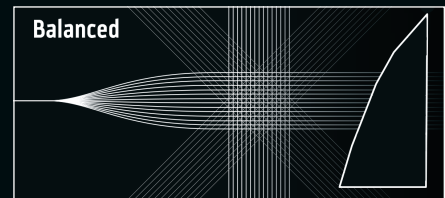
The leading sailcloth manufacturer. Innovation since 1966
dimension-polyant.com



Inner matrix –
made with Tyra UD®

Lite Skin® surface

Boat Length	Application	Cross cut	Radial cut
20 - 25	Mainsail Light #1 #1 #2 #3	TP05 HB	TP05 HB
		TP05 HB	TP05 HB
		TP05 HB	TP05 HB
		TP05 HB	TP05 HB
26 - 30	Mainsail Light #1 #1 #2 #3	TP07 HB	TP07 HB
		TP05 HB	TP05 HB
		TP07 HB	TP07 HB
		TP07 HB	TP07 HB
31 - 35	Mainsail Light #1 #1 #2 #3	TP10 HC / TP07 HB	TP10 HR / TP07 HB
		TP07 HB / TP05 HB	TP07 HB / TP05 HB
		TP07 HB	TP07 HB
		TP10 HC / TP07 HB	TP10 HR / TP07 HB
36 - 40	Mainsail Light #1 #1 #2 #3	TP10 HC	TP10 HR
		TP07 HB	TP07 HB
		TP07 HB	TP07 HB
		TP10 HC	TP10 HR
41 - 45	Mainsail Light #1 #1 #2 #3	TP15 HC / TP10 HC	TP15 HR / TP10 HR
		TP10 HC / TP07 HB	TP10 HR / TP07 HB
		TP10 HC / TP07 HB	TP10 HR / TP07 HB
		TP15 HC / TP10 HC	TP15 HR / TP10 HR
46 - 50	Mainsail Light #1 #1 #2 #3	TP15 HC	TP15 HR / TP10 HR
		TP10 HC / TP07 HB	TP10 HR / TP07 HB
		TP15 HC	TP15 HR
		TP15 HC	TP15 HR



Finishing Accessories:

- Tyra 07 UD PSA for radial corner reinforcements, 150 cm wide
- Tyra LS® PSA for covering joints and patches, 150 cm wide
- TP04 H LS® PSA for structural reinforcements or patches, 150 cm wide

Our application chart is just a guideline based on our experience with our material. Responsibility of final decision regarding material choice and the associated warranty involved lies with the sailmaker taking in to account the respective circumstances / conditions

Dimension-Polyant Tyra Technology® Innovation from high-tech and proven processes.

Thanks to new special machines and tools, Dimension-Polyant is able to split fibres into a homogeneous distribution of filaments and spread them out flat in a tape. This unidirectional monofilament tape, our Tyra UD®, forms the inner matrix structure of Tyra PLY®. It offers exceptional off-angle support and has a high fibre density (dpi). The Lite Skin® surface protects against abrasion whilst only adding marginal weight.

We are very proud of our worldwide unique set-up, which allows us to combine our proven processes at the highest quality level with the most innovative filament technology.

