

# World Premiere: First climate-neutral sailcloth with bio-based Dyneema® fiber



BIO-BASED  
FIBER AT HEART  
DYNEEMA®  
Because it matters

© John Mastrobatista

NEOIS

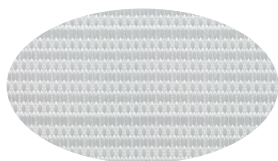


*Hydra Net® radial*  
with bio-based Dyneema® fiber

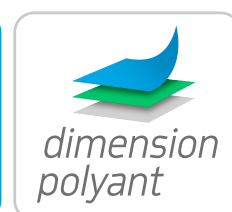
Our bestseller Hydra Net® radial is now manufactured with bio-based Dyneema® and is 100% climate neutral. It is our first sailcloth that carries our cleenTEC® seal for eco-friendly materials. The new bio-based Dyneema® fibers offer identical performance to the classic Dyneema® but are much better for our planet.

Those familiar with the capabilities our in-house developed Hydra Net® can bring to their yacht can now further appreciate Hydra Net® radial. The scope of appeal is wide, from quality-oriented cruising to specific race applications that demand lightweight and high strength sails to endure stress sailing conditions. The Hydra Net® radial range benefits from an extremely high share of bio-based Dyneema® fibers in the warp direction, with associated benefits: whilst exceeding the specifications of other wovens and many laminates, this sailcloth reaches radial design targets which until recently were only possible with laminates.

The composition of Hydra Net® radial utilises a tightly woven polyester base and ripstop of Ultra-PE leading to a higher tear strength and is without doubt simply stronger over the extended life of the sail than any woven polyester. The applied UVi® coating extends the service life and additionally protects against mildew growth.

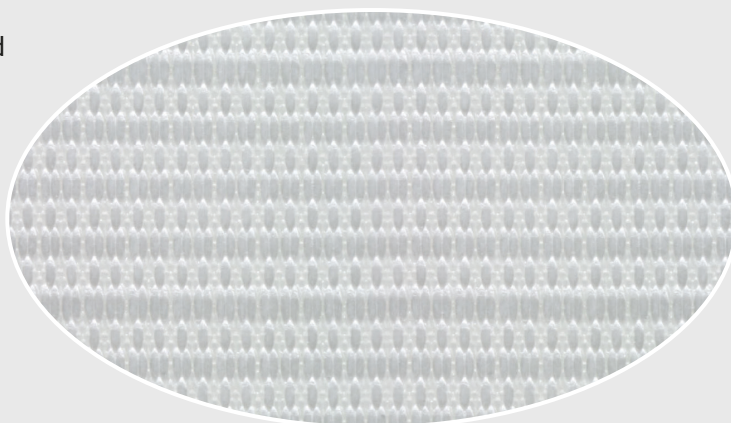


The leading sailcloth manufacturer. Innovation since 1966  
[dimension-polyant.com](http://dimension-polyant.com)



Good to know: The Hydra Net® radial range of carefully composed fabrics offers several styles which can be combined for step up constructions so in close collaboration with your sailmaker you can simply do it your way.

Boat Length	Applications	Style
31 - 35 feet	Mainsail	303 HNR
	#2	303 HNR
	#3	303 HNR
36 - 40 feet	Mainsail	343 HNR
	#1	303 HNR
	#2	343/303 HNR
	#3	343 HNR
41 - 45 feet	Mainsail	343/393 HNR
	#1	343/303 HNR
	#2	343 HNR
	#3	393/343 HNR
46 - 50 feet	Mainsail	393 HNR
	#1	343 HNR
	#2	343 HNR
	#3	433/393 HNR
51 - 55 feet	Mainsail	433/393 HNR
	#1	343 HNR
	#3	393 HNR
	#3	433/393 HNR
56 - 60 feet	Mainsail	483/433 HNR
	#1	393 HNR
	#2	433/393 HNR
	#3	483/433 HNR



#### GENERAL NOTE

All suggestions are based on our worldwide experience with sailcloth applications. Please note that the recommendations are meant as guidelines. You should consider, when making your choice, if the sail will be used in a particular heavy or light wind area.

Neither Dimension-Polyant nor any of its affiliates assume any liability for special, incidental or consequential damages due to the recommendation given.

UVi® is utilized on all premium woven fabrics. It is an integral part of our finishing process and provides a significantly increased UV stability. Look for the UVi® logo.



#### HIGHEST QUALITY FROM THE START

Dimension-Polyant ensures the highest performance by selecting superior fibers, developing custom adhesives, and using only premium films.

#### IN-HOUSE MANUFACTURING

Dimension-Polyant is the only producer of high quality sailcloth in the world with its own in-house manufacturing. Sailcloth is our heritage. We maintain the highest quality with our customized equipment for weaving, finishing and laminating.

#### CONTINUOUS INNOVATION

Dimension-Polyant has the most dedicated R&D team, state-of-the-art facilities, and preferred access to the newest fibers, chemicals and components. Together with German and American engineering, these allow us to set the standard with new developments. We continually seek to find both sustainably sourced and recycled materials to reduce our impact on the planet.

#### GLOBAL REACH

Our worldwide distribution and technical support network makes Dimension-Polyant the perfect partner for your sailmaker.

