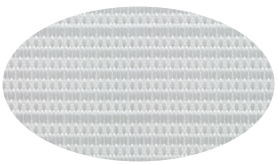
Hydra Net® radial

with bio-based Dyneema® fibers

Are you ready for some extensive cruising? Ready to make memories at far reaching destinations? If the day has come to start planning the voyage of a lifetime, you will want to be sure to choose the sailcloth that is built to perform and to last. One you can rely on when out on your own and there is no place to stop for a quick fix. For the sailors who have done it, there is one name they trust – Hydra Net® radial by Dimension-Polyant.

Hydra Net® radial is the ultimate blue water material, built with the highest total density of Ultra-PE fibers of any woven sailcloth in the market. The blend of Ultra-PE and polyester delivers tremendous tear resistance, reduced fabric stretch and superior ultraviolet light protection. Ultra-PE implemented in both the warp and fill directions provides balance, resulting in a fabric that ages gracefully and yields high performance for thousands of miles. Hydra Net® radial is also the world's first climate neutral sailcloth, built with bio-based HMPE (High Modulus Polyethylene) fibers from Dyneema® which have a significantly lower carbon footprint with the same technical properties.



If you are ready for the cruise that is not counted in days or miles, but in unforgettable memories, be sure your sails are up to the task. Trust the sailcloth that is proven to be strong enough for any conditions, durable enough for all the journeys ahead, and also better for our planet. That sailcloth is Dimension-Polyant Hydra Net® radial.

The leading sailcloth manufacturer. Innovation since 1966

dimension-polyant.com

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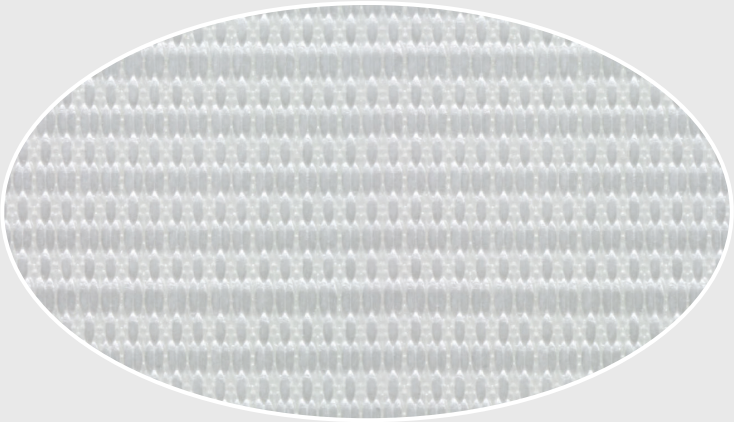
Good to know: The Hydra Net® radial range of carefully composed fabrics offers several styles which can be combined for step up constructions so in close collaboration with your sailmaker you can simply do it your way.



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

UVi® TECHNOLOGY

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.

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