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SIOEN

## Hydra Net<sup>®</sup> radial

If you know what our in-house developed Hydra Net<sup>®</sup> is capable of bringing to your boat you might, depending on your sailing style, expectations and aims, like Hydra Net<sup>®</sup> radial even more. This younger sister incarnates such a temptation to both, racing sailors with an interest in a still light but at the same time high strength sail, offering highly muscular support in stress sailing conditions. Or the quality-oriented cruising sailor, whose sails should simply last longer. The Hydra Net<sup>®</sup> radial range benefits from an extremely high share of Ultra-PE fibers in the warp direction. With admirable consequences: Whilst exceeding the specifications of other wovens and many laminates, this sailcloth reaches radial design targets which until recently were only possible with laminates. Now they can be put into practice with Hydra Net<sup>®</sup> radial because of its tightly woven polyester base with a ripstop of Ultra-PE. The composition leads to a higher in tear strength and the very pleasant fact that this sailcloth is simply stronger over the extended life of the sail than any woven polyester. As the smart construction is based on a breathable platform, the less damp environment gives mildew growth a much less chance to develop. Good to know: The Hydra Net<sup>®</sup> radial range of carefully composed fabrics offer several styles which can be combined for step-up constructions so that in close collaboration with your sailmaker you can simply do it your way.

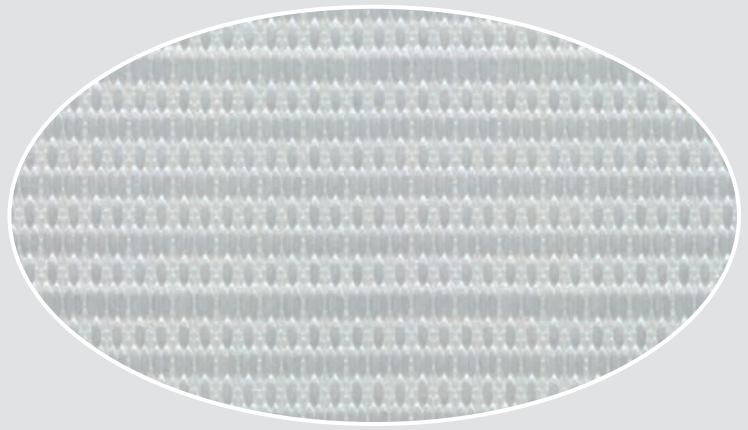


The leading sailcloth manufacturer. Innovation since 1966  
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Boat Length	Applications	Style
26 - 30 feet	Mainsail #2	273 HNR 273 HNR
31 - 35 feet	Mainsail #1 #2 #3	303 HNR 273 HNR 303 HNR 303 HNR
36 - 40 feet	Mainsail #1 #2 #3	343 HNR 303 HNR 343/303 HNR 343 HNR
41 - 45 feet	Mainsail #1 #2 #3	343/393 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
61 - 65 feet	Mainsail #1 #2 #3	533/483 HNR 433/393 HNR 433/393 HNR 533 HNR



#### GENERAL NOTE

All suggestions are based on our world wide experience with sailcloth applications. Please note that the recommendations are meant as guidelines for modern IMS yachts or yachts of comparable righting moment and sail sizes. 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.

This performance line of sailcloth is produced with our new UVi® Technology which has been recently implemented in our finishing process. With our UVi® Technology we are able to improve the UV resistance of the fabric by 10 - 15% resulting in a substantially longer durability.



#### HIGHEST QUALITY FROM THE START

Dimension-Polyant uses only performance high tenacity fibers, customdeveloped chemicals as well as premium films from qualified suppliers.

#### IN-HOUSE MANUFACTURING

Dimension-Polyant is worldwide the sole producer of high quality sailcloth with its own in-house manufacturing. As sailcloth is our only product we have invested in customized equipment for weaving, finishing and laminating.

#### CONTINUOUS INNOVATION

Dimension-Polyant has the most dedicated R&D team, the state-of-the-art facilities and preferred access to the newest fibers, chemicals and components. Together with German and American engineering this provides the base for trend setting developments.

#### GLOBAL REACH

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

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