



ENDURO
softslings

YOUR TIMESAVING FORERUNNER

Product specifications HMPE Softslings

**VAN BEEST**

Engineered Synthetic Softslings 2016/002

The **power** of constant

High performance HMPE slings

- **Nothing is so valuable as time. Reducing the number of preparatory movements during hitching and rigging, or even skipping some of these altogether means direct cost-savings. You can make this significant efficiency gain a constant factor with our high performance HMPE slings, providing you an ongoing advantage for the total lifting project in terms of increasing handling speed using less resources. Move faster towards the highest possible performance.**



With Enduro Softslings, your preparation and production operations also benefit from our fast response time and ability to quickly make changes. We address every request personally and focus on every stage of production, delivery and service so that we can continuously ensure the quality of our products and our approach.

Engineered for complexity and precision

Complex lifting projects both on and offshore are becoming more common. Loads are getting bigger, heavier, and more sensitive, and the conditions more complex. With our high performance HMPE slings, you have the right tools

in place to effectively address these new challenges. Where traditional lifting equipment falls short in terms of properties and workability, synthetic slings are a strong alternative.

Length tolerance down to the mm

The power of our production process lies in the precision of man and machine combined. We achieve a length tolerance in our slings down to the millimetre through continuous quality checks at material, process and output level. This assures you of a product that will always fit according to plan. This is the power of consistency.

WLL (tonne)	SF	MBL (tonne)	Core diameter (mm)	Minimum bending diameter (mm)	Weight per metre (kg)
10	7	70	34	47	1,5
50	7	350	77	105	4
100	7	700	108	166	7,5
200	7	1400	153	255	13,5
300	7	2100	188	319	19
400	7	2800	217	395	25,5
500	7	4000	242	441	32

* See detail B
figure 1.1

* See detail C
figure 1.1



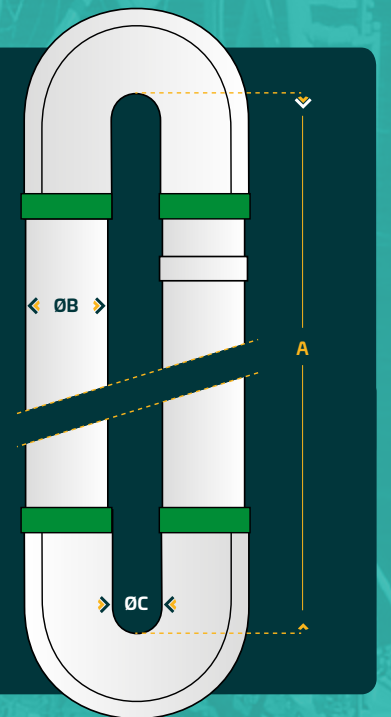
Synthetic fibers

Your benefits during on- and offshore heavy lifting & subsea applications:

- **Safer**
HMPE slings minimize damage to delicate loads, crucial for wind turbine installations, while their built-in safety features—such as bright colors, identification tags, and load capacity markings—enhance operational safety.
- **Lighter and sleeker**
HMPE soft slings are lightweight, flexible, and pliable, making them easier to handle, manipulate, and store than traditional steel wire ropes or chains, while also enabling versatile rigging configurations and reducing risks for riggers.
- **Enhanced precision**
HMPE fibers have low elongation, ensuring precise load control, minimizing bounce or sway, and enhancing safety during lifting operations, while their production with highly precise length tolerances further improves reliability.
- **Greater cost efficiency**
Despite a higher initial investment, HMPE slings offer long-term cost savings through reduced maintenance, lower replacement costs, and improved safety.

Properties:

- Capacities of up to 4000t MBL
- Lengths of 1m to 150m
- Length tolerances as low as $\pm 10\text{mm}$ (on request)
- Elongation during use $\pm 0.5\%$ (depending on safety factor)
- Safety factor 3.38 – 7
- Working temp. range of -40°C to $+60^{\circ}\text{C}$
- 3 cover options
 - 2,4mm HMPE HEAVY duty
 - 1,3mm HMPE Light duty
 - Polyester
- Slings in compliance with EU directive on machinery (2006/42/EC).



* figure 1.1

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Combined forces

Enduro Softslings is your trusted partner for high quality HMPE slings. Benefit from our experience and knowledge of the heavy duty lifting process and of the increasing demands emerging from new developments. We facilitate various tests and certification to provide as much assurance as possible. We work with various renowned expert parties to provide independent break load and proof load testing for example.

We also offer knowledge and knowhow in the use of our slings in the form of technical and general training and demonstrations. Furthermore, our specialists are on standby 24/7 to immediately restore and repair minor damage on site. We can also offer assistance in selecting the right product according to a specific lifting plan or on-site situation – at no obligation.

Partnership

Enduro Softslings' market approach is based on collaboration with resellers, which is why we offer dedicated partnerships to suppliers of lifting equipment. Independent in the interest of the end user.

Challenge accepted

If you have a complex or non-standard lifting project, or if your project involves repetitive lifting movements or other specific external factors, we will gladly take on the challenge and, together with your experts, come up with the most efficient solution.

More Enduro Softslings

If you would like to learn more about our solution for heavy duty lifting with HMPE Softslings, Enduro Softslings arranges training courses, workshops and presentations to provide detailed information.

Contact us via softslings.com or call us on +31 (0) 229 22 00 14

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