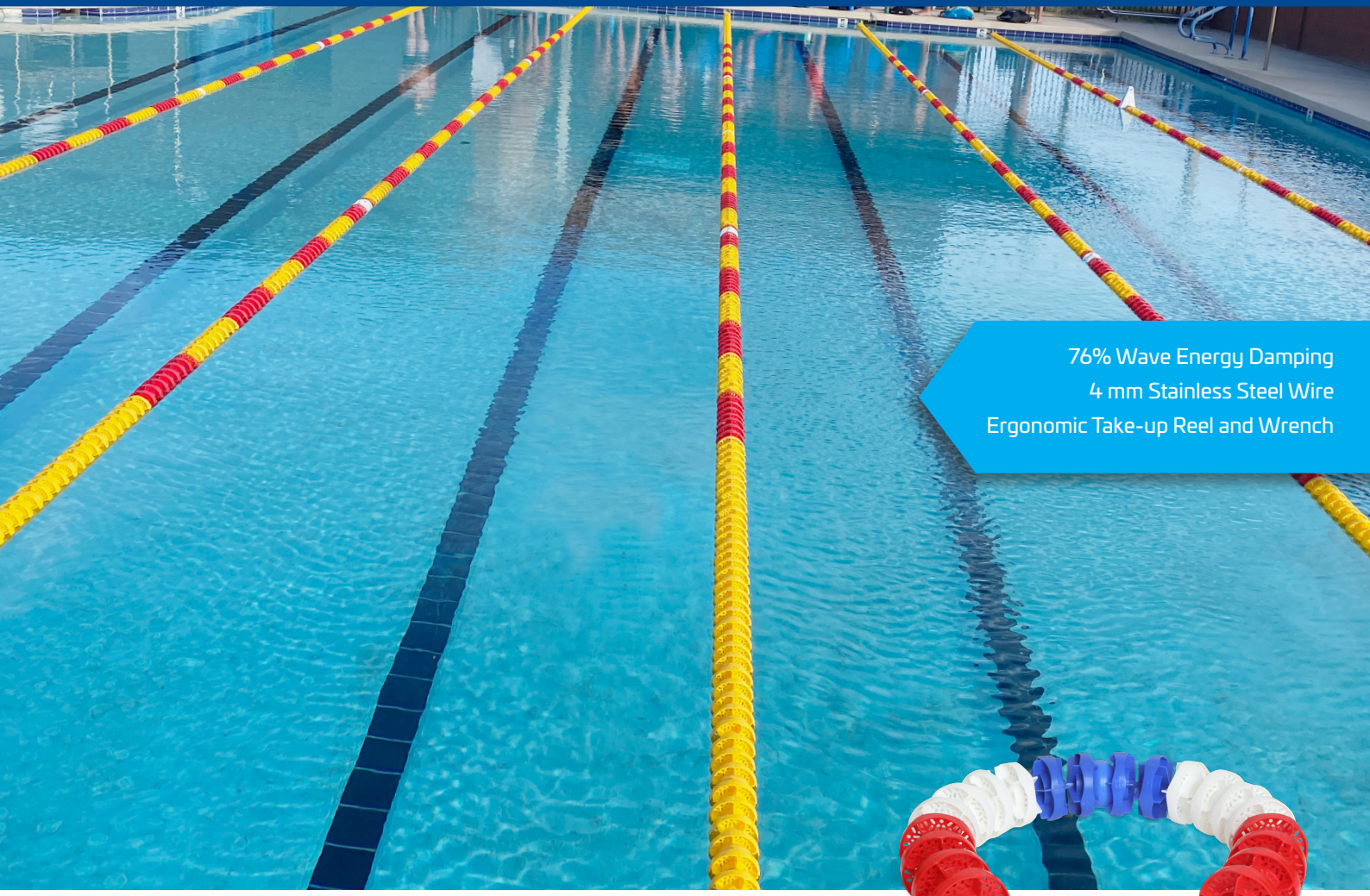

Malmsten Classic PRO™ Racing Lane Line - Ø 100 mm

Art. No. 1010011

Malmsten Classic PRO™ Racing Lane Line is designed with the same wave breaking technology as the Gold PRO®. It is smaller and lighter with energy damping over 76 procent.

Classic PRO™ is perfect for swimming competitions and training, water polo field markings, open water finishing lines and divisional lines.

Reasons for choosing Malmsten Classic PRO™ :

- Wave-reducing racing lane line, the construction causes the wave to break down inside the line, ”wave depleting technology.” The wave does not go through, under or over the line.
- The disc pattern, with dual function has larger holes for smoother water flow-through as well as better wave energy absorption.
- Perfect water position for optimal water turbulence control thanks to greater weight.
- Classic PRO™ discs are wider and heavier for absorbing energy better, which means more strength to handle tough waves.
- The PRO floats have a unique design with special ridges that work together with the discs to increase wave reduction. The ridge design helps to break down the wave.
- The outer ring on the disc has been slimmed down in the middle between the blades for increased water flow-through.
- The inner ring has increased in size for catching the wave and increasing the weight of the disc.
- The lane line has a flexible and strong wire and together with the tension spring it makes it possible to absorb high-point loads.
- A Swedish-made quality product where we have also focused on the work environment. Assembled by Linus, our robot, so no ”human factor errors”.

Product information:

Classic PRO™ Racing Lane Lines in accordance with WORLD AQUATICS competition regulations.

Wave Energy Damping: 76%.

Discs: Ø 100 mm.
Latest industry polyethylene, reinforced with highest color fastness with UV protection.

Floats: Ø 80 mm. Polyethylene with UV protection.

Wire: 4 mm. Stainless steel, flexible and strong

Lengths: 25 or 50 meter, and custom lengths.

All Malmsten Lane Lines are delivered fully assembled with Take-up Reel, Tension Spring and Rachet Wrench.

v.40-26EN

Official Supplier

Malmsten AB • www.malmsten.com
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WORLD AQUATICS EUROPEAN AQUATICS PANAM AQUATICS

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The design of Malmsten Classic PRO™ is a result based on studies done on wave-energy damping at KTH, Sweden.

Functionality

- Water turbulence control
- Superior wave reduction
- Latest PRO-discs and PRO-floats
- ”Wave-depleting technology”
- Original Take-up reel – a precision tool
- Best water positioning

Enviornmental Sustainability

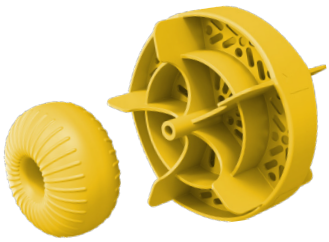
- Extended durability
- May be recycled at end of product life
- Discs and floats have no traces of heavy metals
- Assembly process with minimum carbon footprint

Durability

- Latest industry MD polyethylene
- Softer material to avoid discomforting cracks in material
- Best color fastness 8/8
- Industry best UV-protection 8000ppm
- Best wire solution on the market, strong, safe and flexible wire, stainless steel 316. Thickness Ø 4 mm

More material thus better functionality

Classic PRO™	Discs	Competition line	Wave energy damping	Weight	Incl. Take-Up Reel and Tension Spring
50 m	100 mm	Yes	76 %	72 kg	Yes
25 m	100 mm	Yes	76 %	36 kg	Yes



Better material for durability

Discs and floats	Material	Color fastness	UV stab.	Anti-oxidant protection	Free of heavy metals	Stress tested	Wire PRO Flexible & Strong
	Polyethylene	8 on 8 / Yes	8000ppm	Yes	Yes	Yes	ss316, 4 mm, 7x7 threads

All Malmsten Lane Lines are delivered fully assembled with:

Take-up Reel: Frame and Cogwheel Stainless Steel.
Rolling mechanism in black Polyamide.
Protective Cover in polyethylene.
Tension Spring: Stainless steel.
Rachet Wrench: Stainless Steel with fiber-reinforced plastic handle.

Take-up Reel

Tension Spring

Rachet Wrench

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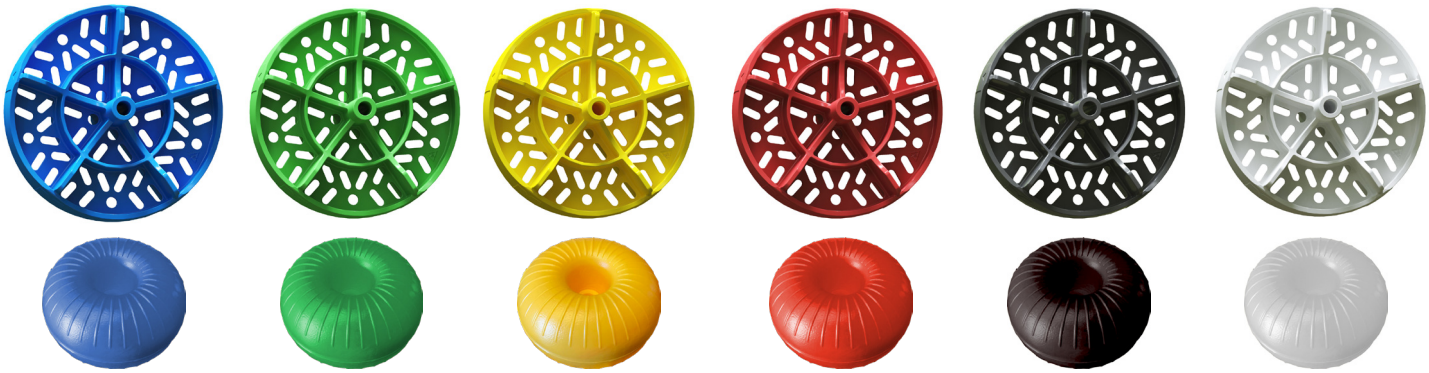
Color options:



Blue *Green* *Yellow* *Red* *Black* *White*

Competition Standard in accordance with World Aquatic regulations:

World Aquatics standard 25 m:

3 leading lane lines in yellow, followed by
4 or 6 blue and the two outer lines green

Marking:
Red: 5 m each end
Red: 15 m

World Aquatics standard 50 m:

3 leading lane lines in yellow, followed by
4 or 6 blue and the two outer lines green

Marking:
Red: 5 m each end
Red: 15 m
Red: 25 m (only for 50 m lines)

Malmsten Classic PRO™ 25 m:

Blue and White - 48 cm color segments

Marking:
Red: 5 m each end
Red: 15 m

Malmsten Classic PRO™ 50 m:

Blue and White -48 cm color segments

Marking:
Red: 5 m each end
Red: 15 m
Red: 25 m (only for 50 m lines)

Custom design:

Example: Black and yellow - 40 cm color segments

Marking: Custom

All Malmsten racing lane lines are delivered with red markings.
Custom colored markings upon request

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