

Malmsten GOLD Racing Lane Line - Ø 150 mm

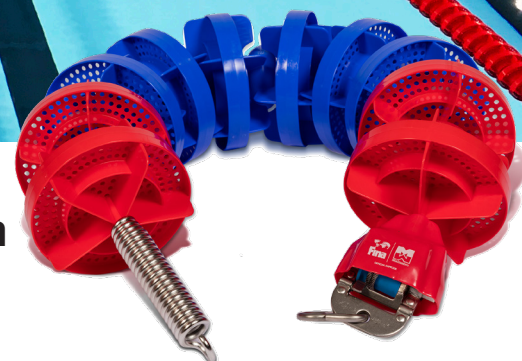
Art. No. 1010002

Wave damping competition lane lines introduced at the 1992 Barcelona Olympics, when WORLD AQUATICS (formerly FINA), the International Swimming Federation, allowed a line's diameter to increase from Ø 100 mm to Ø 150 mm. A very effective competition lane line that has been in the pool at 5 Olympics and most World Championships, European Championships and other major international competitions between 1992 and 2019, when Malmsten Gold PRO® was launched.

With Malmsten Gold in the competition pool, the swimmer is offered as good and fair conditions as possible and avoids being disturbed by the motions of other swimmers. The density of the material and the rotation of the wings means that the wave is handled and broken down inside the line instead of bouncing back or going over or under the line. Official competition line for competitions in accordance to WORLD AQUATICS.

Reasons for choosing Malmsten Gold:

- Wave damping competition line, the construction causes the wave to break down inside the line, "wave-depleting technology." As little of the wave as possible goes through, under or over the lane line.
- In real tests, the lane line has demonstrated a wave damping effect of up to 87,50%.
- Perfect water position for optimal water turbulence control thanks to greater weight.
- Special ratchet wrench is needed to tension and release the line, which ensures that only trained personnel adjust the lane line.
- 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".
- Impressive reference list with 5 Olympic Games and numerous European and World Championships.



Product information:

Gold Racing Lane Lines in accordance with WORLD AQUATICS regulations.

Wave Energy Damping: 87,50%.

Discs: Ø 150 mm.

Latest industry polyethylene, reinforced with highest color fastness with UV protection.

Floats: Ø 75 mm. Polyethylene with UV protection.

Wire: 4 mm. Stainless steel, flexible and strong.

Lengths: 25 or 50 meter, and custom lengths.

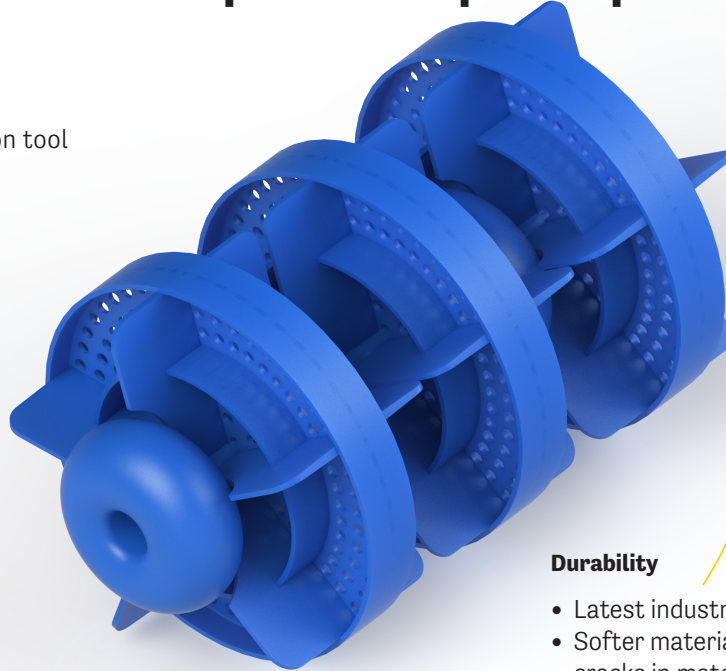
All Malmsten Lane Lines are delivered fully assembled with Take-up Reel, Tension Spring and Ratchet Wrench.

Official Supplier

The Malmsten Gold was introduced at the Olympic Games in Barcelona 1992 and has an impressive reference list with many Olympics, World & European Championships behind it.

Functionality

- Water turbulence control
- Original Take-up reel – a precision tool
- Superior wave reduction



Environmental Sustainability

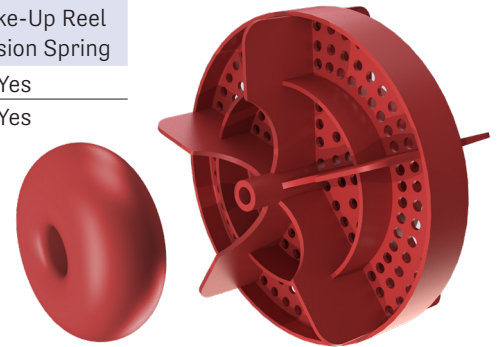
- Durability
- May be recycled at end of product life
- Discs and floats have no traces of heavy metals
- Assembly process with minimum carbon footprint

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

Gold	Discs	Competition line	Wave energy damping	Weight	Volume	Incl. Take-Up Reel and Tension Spring
50 m	150 mm	Yes	87,50 %	94 kg	1,44 m ³	Yes
25 m	150 mm	Yes	87,50 %	47 kg	0,77 m ³	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 blue Polyamide. Protective Cover in polyethylene.

Tension Spring: Stainless steel.

Ratchet Wrench: Stainless Steel with fiber-reinforced plastic handle.



Take-up Reel



Tension Spring



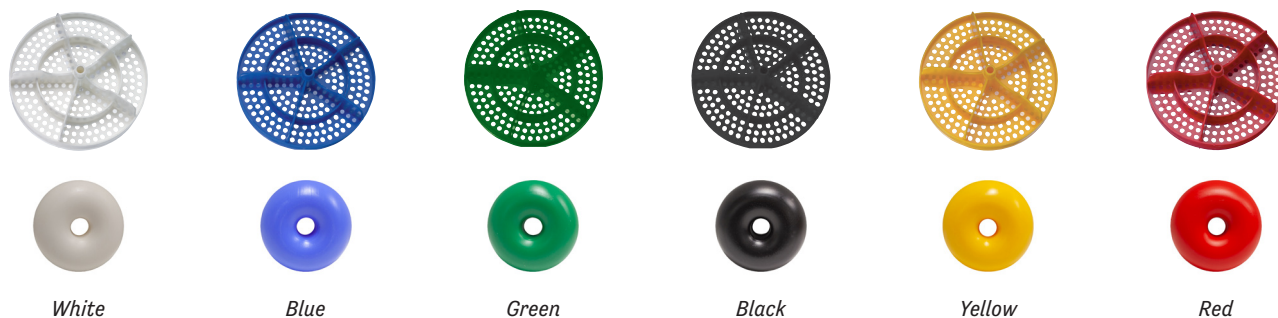
Ratchet Wrench

v.17-23E

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Color options:



Competition Standard in accordance with WORLD AQUATICS regulations

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)



Original Malmsten:

Blue and white - 40 cm color segments

Marking:

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



Custom design:

Black and yellow - 40 cm color segments

Marking:

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



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



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