

74,50% Wave Energy Damping  
4 mm Stainless Steel Wire  
Ergonomic Take-up Reel and Wrench

## Competitor® Racing Lane Line - Ø 100 mm

Art. No. 1010001

A real Classic! The model has been around since 1974 and is still a popular racing lane line for everyday use. Its impressive reference list up to 1990 included many Olympics, World Cups and European Championships.

Excellent wave reduction, based on the same technology as the successors Malmsten Gold and Malmsten Gold PRO®.

### Reasons for choosing Competitor®:

- 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.
- Perfect water position for optimal wave reduction thanks to greater weight.
- Original ratchet wrench is needed to tighten and loosen the line, which ensures that only trained personnel handle adjustments.
- Official demarcation line at international water polo championships and open water swimming.
- Excellent wave reducer for training and smaller competitions.
- Due to Malmsten Competitor®'s smaller diameter, the line is easy to handle and therefore suitable for everyday use, e.g. training and demarcation between different activities.
- 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:

**Competitor® Racing Lane Lines in accordance with WORLD AQUATICS regulations.**

**Wave Energy Damping:** 74,50%.

**Discs:** Ø 100 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.**

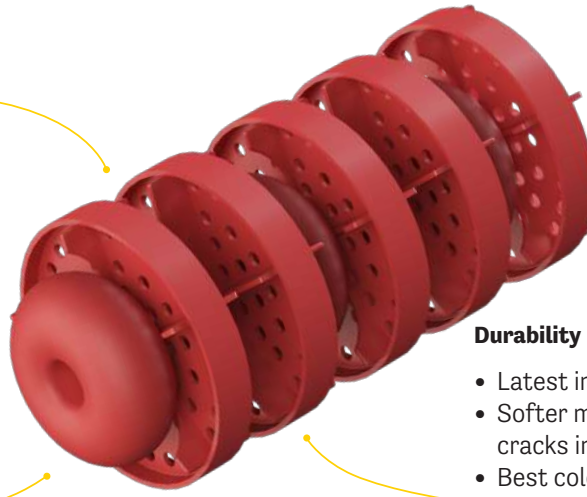
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**Functionality**

- Water turbulence control
- "Wave-depleting technology"
- Original Take-up reel – a precision tool

**Environmental Sustainability**

- 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

Competitor®	Discs	Wave energy damping	Weight	Incl. Take-Up Reel and Tension Spring
50 m	100 mm	74,50 %	70 Kg	Yes
25 m	100 mm	74,50 %	35 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 blue Polyamide. Protective Cover in Polyethylene.

**Tension Spring:** Stainless steel.

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



Take-up Reel



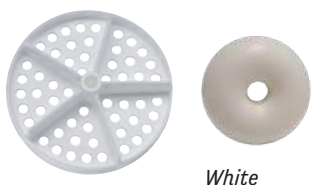
Tension Spring



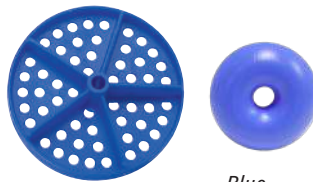
Ratchet Wrench

**Color options:**

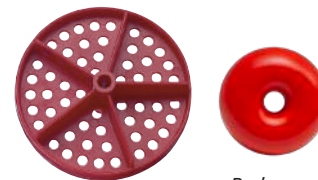
All Malmsten racing lane lines are delivered with red markings. Custom colored markings upon request



White



Blue



Red

**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)



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