



Malmsten Gold PRO Racing Lane Line - Ø 150 mm

This is the new championship lane rope and the result of many years of R & D.

Gold PRO with the latest PRO-discs and PRO-floats with superior wave reduction.

The improved functionality is based on the proven Malmsten flow-through design by allowing wave energy to be dispersed along the length of the lane line. Gold PRO-discs and PRO-floats are with a new pattern, optimizing even more wave reduction capacity.

Unique disc design stands out from all other lane lines on the market.

- Gold PRO discs are wider and heavier for absorbing energy better, which means more strength to handle tough waves. More mass on each disc affects the water position in a positive way thus more wave reduction.
- The new 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.
- Gold PRO disc pattern, with dual function have larger holes for smoother water flow-through as well as wave energy absorption.
- The outer ring on the disc has been slimmed down in the middle between the blades for increased water flow-through.
- The rotor blades on the disc are longer for catching the wave.
- The inner ring has increased in size for catching the wave and increasing the weight of the disc.
- We are always in accordance to existing FINA and LEN regulations.
- As the leader of lane lines we are proud to be the first with this new lane line design.



Malmsten Gold PRO is the best wave breaker and turbulence control on the market.

Pattern protected DM/101440,
D1625595, ZL201830537353.4

Selected When it Counts

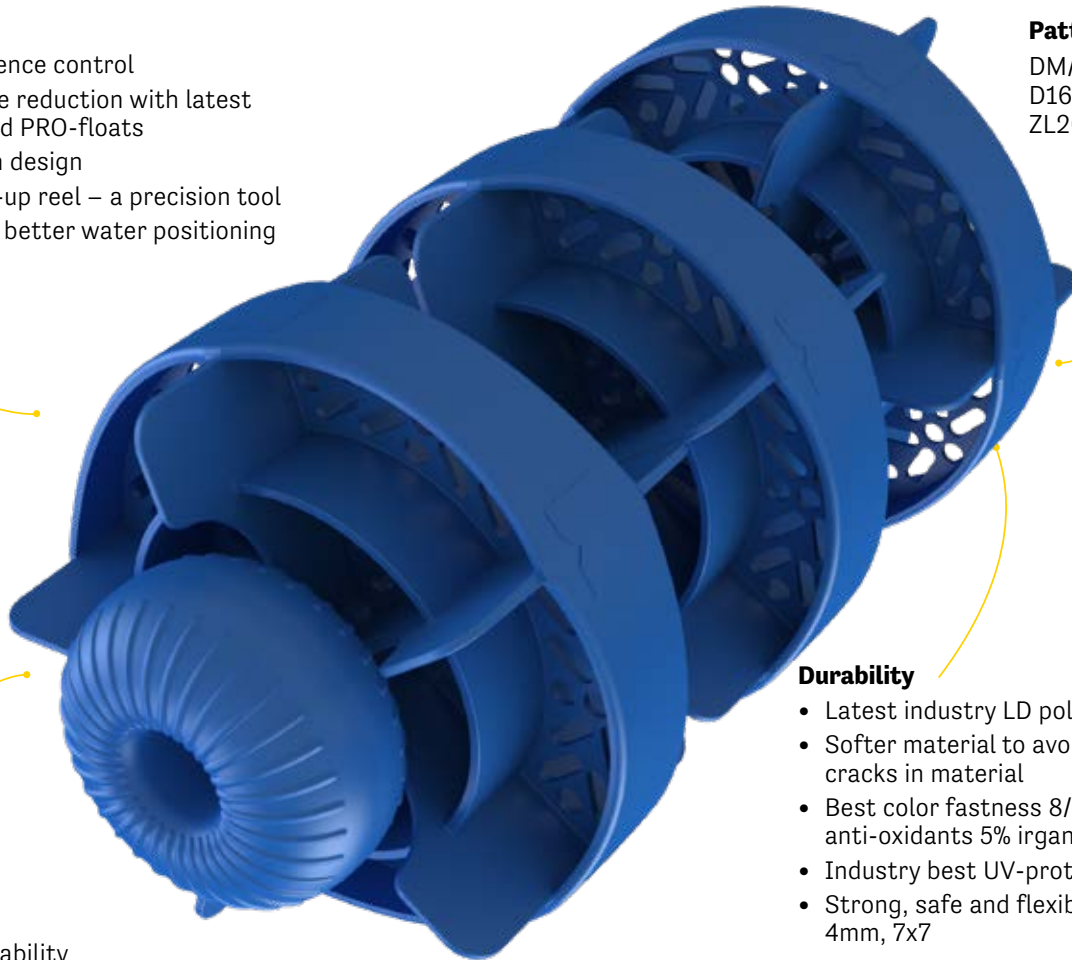
The new design of Malmsten Gold PRO is a result based on studies done on wave-energy dampening at KTH, Sweden.

Functionality

- Water turbulence control
- Superior wave reduction with latest PRO-discs and PRO-floats
- Flow-through design
- Original Take-up reel – a precision tool
- Heavier, thus better water positioning

Pattern protected

DM/101440
D1625595,
ZL201830537353.4



Durability

- Latest industry LD polyethylene
- Softer material to avoid discomforting cracks in material
- Best color fastness 8/8 with additional anti-oxidants 5% Irganox 1330
- Industry best UV-protection 8000ppm
- Strong, safe and flexible wire; ss316, 4mm, 7x7

Environmental

- Extended durability
- May be recycled at end of product life
- Harmless material with no traces of heavy metals
- Assembly process with zero carbon footprint

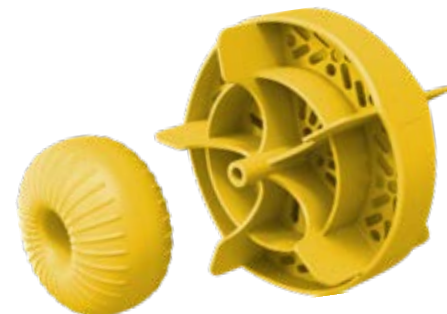
More material thus better functionality

Gold	Discs	Competition line	W.E. dampening*	Weight	Volume	Incl. take up reel and tension spring
50 m	150 mm	Yes	90,50 %	96 kg	1,44 m ³	Yes
25 m	150 mm	Yes	90,50 %	49 kg	0,77 m ³	Yes

* Wave energy

Better material for durability

Wire PRO - Flexible & Strong	Disc SUPERIOR	Color fastness	UV stab.	Anti-oxidant protection	Free of heavy metals	Stress tested
ss316, 4 mm, 7x7 threads	Polyethylene	8 on 8 / Yes	8000ppm	5 % Irganox 1330	Yes	Yes

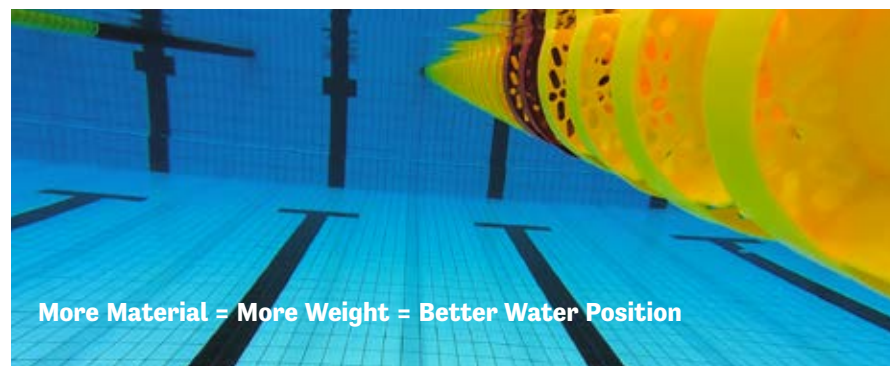


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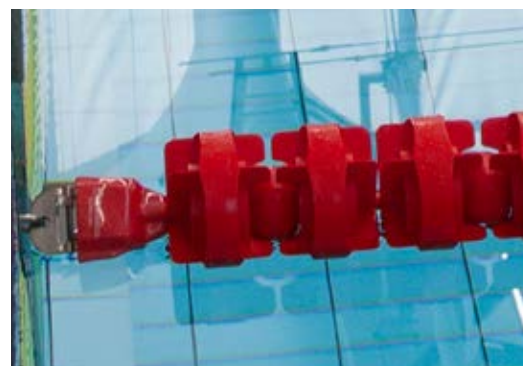
Functional racing lane line:

Fitting to the pool:

- Installed with take-up reel and tension spring in pool water
- If anchoring on pool deck, ask for permanent extenders
- If anchoring builds into the pool water, inform us so that material used may be adjusted



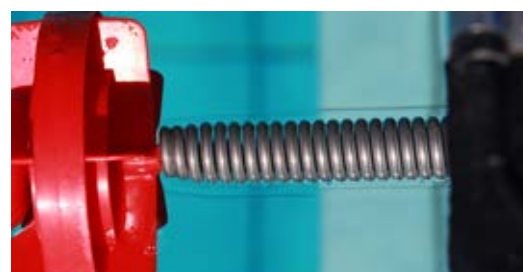
More Material = More Weight = Better Water Position



Good wave energy dampening* of lane line is achieved when:

- Each disc rotates individually. Discs align along lane line
- Material covers ss wire. When material is being "pushed back" a maximum of 15 cm bare wire may be seen
- Take-up reel is tensioned (with Malmsten original ratchet wrench) so that tension spring opens less than 1 mm

* Refer to user manual for more information



Color combinations: Official Fina Racing Lane Line 25 or 50 meter

FINA-competition rules:

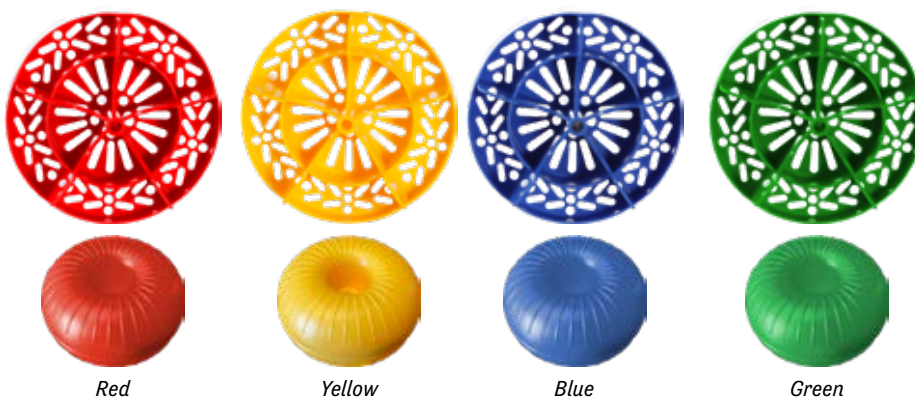
3 leading lane lines in yellow, followed by 4 or 6 blue and the two outer lines green

Marking:

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



Color options



Red

Yellow

Blue

Green

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Associated products



1010002 Racing Lane Line
Malmsten Gold Ø 150 m



1010001 Racing Lane Line
Malmsten Classic Ø 100 m



1012001 Storage Trolley
1050006 Cover for Storage Trolley



1011001 Storage Bag



1011023 Spring Cover
Red Swimming



1011021 Lane Line Slider



2010004 Lane Rope Trap with
floor plate



1011012 Lane Line Number



2010010 Floor Anchor for
Lane Line Post
1013001 Lane Line Post



2010003 Wall-/Bottom Anchor



1011007 Extenders Malmsten
for Racing Lane Lines

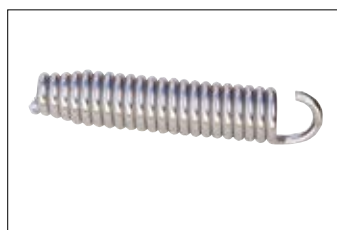


1011002 Ratchet Wrench for
Take-up Reel

Spare parts are available...



1011018 Take-up Reel with cover



1011010 Tension Spring



1011011 Wire lock
1011005 Wire 4 mm ss



1011032 PRO-Discs Ø 150 mm
1011033 PRO-Floats

Our goal is 100%
customer
satisfaction

Malmsten – swimming hall specialists with over 40 years
experience in the development of swimming pool equipment.
Explore the full product range at www.malmsten.com

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