

Malmsten GOLD Racing Lane Line - Ø 150 mm

**Official FINA racing lane line – made by Malmsten in Sweden
– in the Games since 1976!**

The best wave breaker and turbulence control on the market. Recent studies* have proven that the Racing Lane Line Gold (150mm) Malmsten reduces water turbulence and wave energy by up to 90 percent. It also concluded that the Malmsten Gold line is the most efficient racing lane line on the market today. Proven performance.

The importance of a good wave breaker:

In a competition it ensures the best possible pool conditions – for record breaking - and in the “every-day-pool”, all pool goers enjoy calmer pool water.

**Selected by FINA and LEN
for all major competitions**

**wave-energy dampening studies at KTH, Sweden.*



Unique qualities:

- Flow-through technique
- Designed for minimal water bounce back
- Each disc rotating motion
- Water positioning
- Durability



Product description:

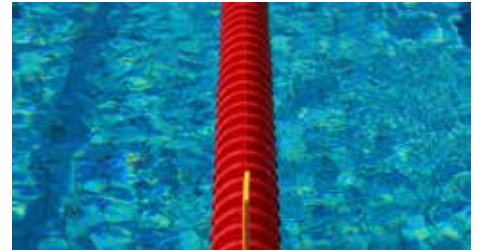
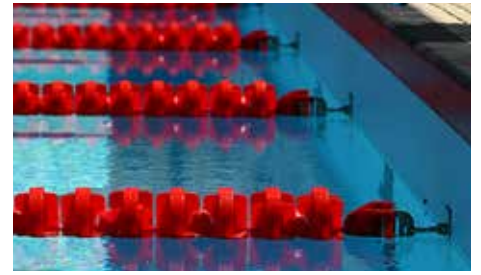
25-m, 50-m long or custom length
Discs of 150 mm

Selected When it Counts

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



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



More Material = More Weight = Better Water Position

Original Take-up reel is a precision tool

Softer material to avoid discomforting cracks in discs

Best color fastness of 8/8, with additional anti-oxidants: 5% Irganox 1330

Best UV-protection of 8000ppm

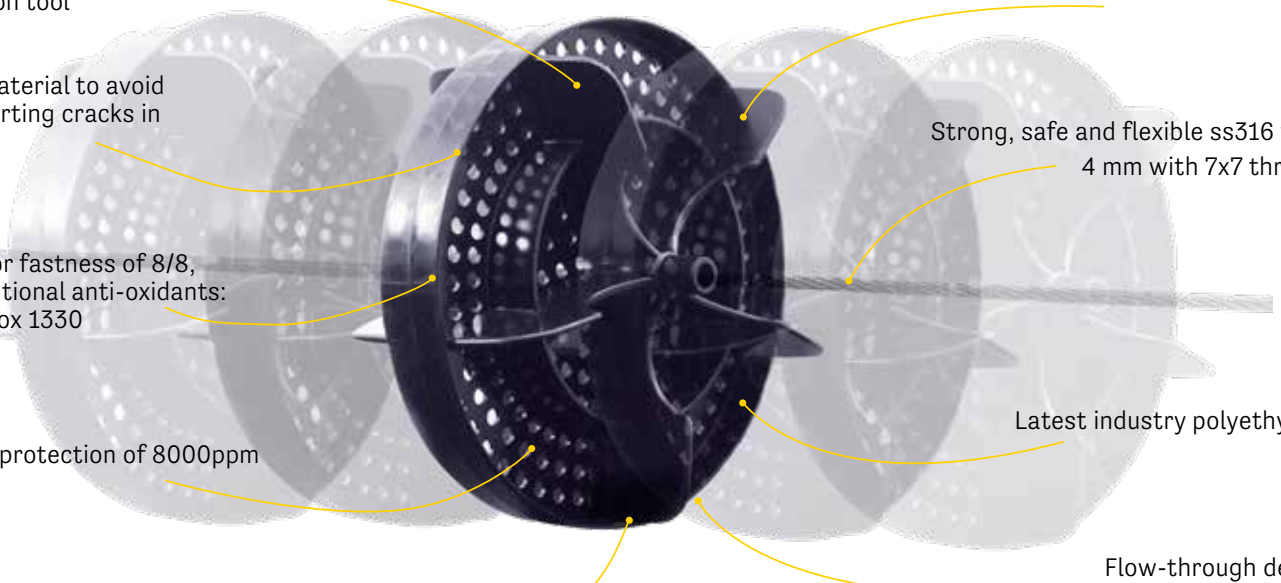
Harmless material with no traces of heavy metals

Water turbulence control

Strong, safe and flexible ss316 wire; 4 mm with 7x7 threads

Latest industry polyethylene

Flow-through design



Selected When it Counts

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/Official FINA | 87,50 % | 94 kg | 1,44 m ³ | Yes |
| 25 m | 150 mm | Yes/Official FINA | 87,50 % | 47 kg | 0,77 m ³ | Yes |

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 |

* Wave energy

Choice of color combinations

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)



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)



Rainbow by Malmsten:

Orange, yellow, green, blue, purple - 2 m color segments

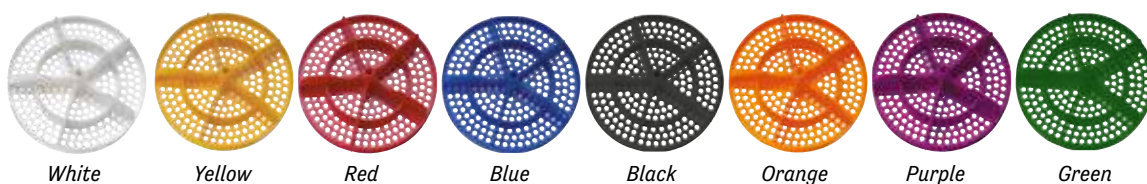
Marking:

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



Customize your own lane line:

Color options



Selected When it Counts

Associated products



1010012 Racing Lane Line
Malmsten Gold Pro 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



1011003 Discs Ø 150 mm
1011004 Donut 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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