



EURONETE

TRUSTED BY THOSE
FEEDING THE WORLD

Euronete has a worldwide leadership position through the production and distribution of netting, steel wire and fibre ropes.

In 2012, WireCo (www.wireco.com) acquired Euronete joining its family of brands and giving numerous value added products to the WireCo portfolio.

WireCo WorldGroup, a global manufacturing and technical leader in its industry, provides a consultative selling approach to offer customers a single, reliable source for solutions that fit their specific application and budget needs as well as education and expertise that enhances value.

Euronete operates in four units: Maia (Head Office), Boticas, Le Guilvinec (France) and Goa (India), and has six distribution branches located in different areas in the World:

- Lankhorst Touwfabrieken BV, IJmuiden, The Netherlands
- Euronete Scandinavia in Fredericia, Denmark
- Euronete UK in Aberdeen, Scotland
- Lankhorst Euronete in New Bedford, MA, USA
- Lankhorst Euronete Australia in Brisbane, Australia
- Lankhorst Euronete India in Goa, India

With these strategic locations, Euronete is able to provide a fast and efficient service to customers worldwide.



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HTPE EURO CROSS®

KNOTLESS NETTING

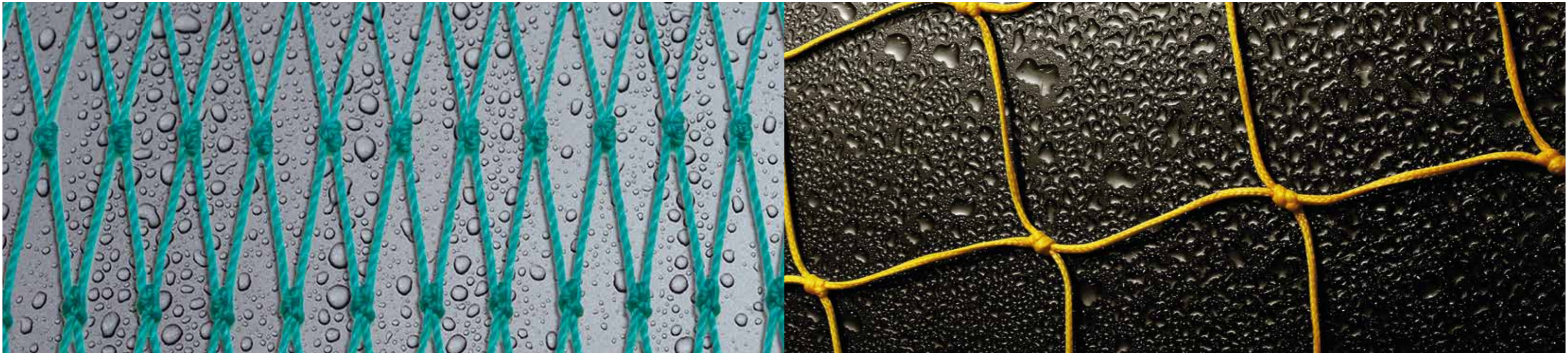
Twine Size PLY	Diameter mm	Breaking Strength kgf
300	6,0	450
400	7,0	602
500	7,5	752
600	8,5	902
725	9,5	1053
800	10,0	1203
1000	11,0	1353
1200	12,0	1650

EURO CROSS® is a special netting produced from HTPE (High Tenacity Polyethylene) and is composed of high strength 4 strands (each one passing through the other, generating a braided effect). This highly sophisticated method of producing EURO CROSS® knotless netting offers the following advantages:

- Properties
- SUPERIOR STRENGTH.
 - WEIGHT AND BULK REDUCTION.
 - LESS WATER RESISTANCE AND REDUCED DRAG.
 - CONSISTENT MESH SIZE.
 - EXCEPTIONAL WEARING PROPERTIES.
 - NO DAMAGE TO THE CATCH.
 - EXCELLENT FOR SQUARE MESH APPLICATIONS.



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TWISTED POLYETHYLENE

LANKOFORCE®
SUPERIOR STRENGTH NETTING

We produce Polyethylene Twisted Netting in the following twine references:

Ref.	Diameter mm	Runnage m/kg	Breaking Strength kgf
10/9	1,1	1950	20
10/12	1,3	1350	28
10/15	1,4	1150	32
10/18	1,5	980	38
10/21	1,7	840	45
10/24	1,8	720	53

Ref.	Diameter mm	Runnage m/kg	Breaking Strength kgf
10/27	1,9	625	58
10/30	2,0	540	64
10/36	2,2	450	78
10/39	2,3	400	88
10/45	2,5	350	100
10/60	3,0	290	120
15/60	3,5	140	215

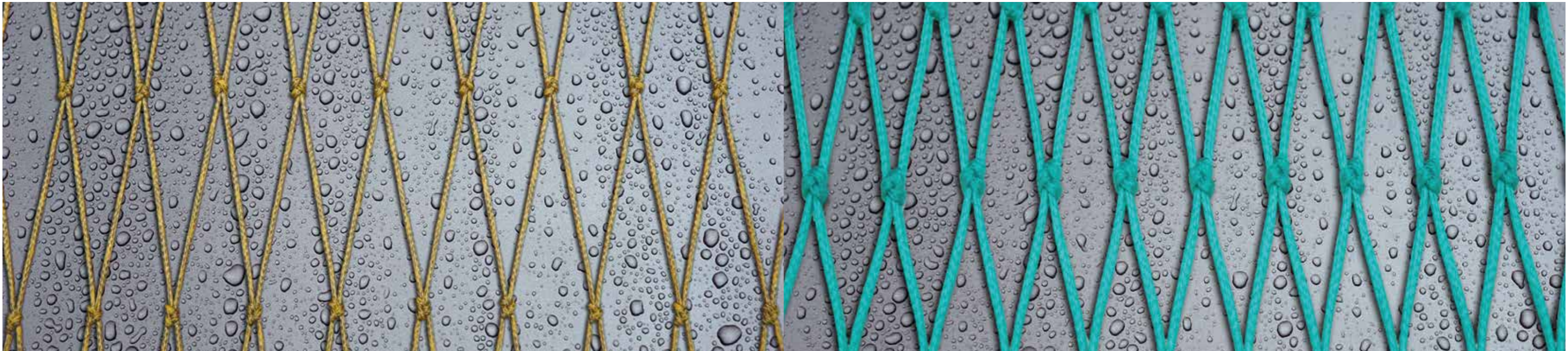
Lankoforce® Netting is made from DSM Dyneema® fibre (Ultra High Molecular Weight Polyethylene). This netting is five times stronger than normal polyethylene and four than polyamide.

It has a very low elongation of around 5% and very good ratio diameter versus strength.

Lankoforce® Netting is impregnated with special solution to improve the performance and longevity of the netting.

It can be supplied in double knot on sizes 1,0 mm and 1,5 mm.

Diameter mm	Runnage m/kg	Breaking Strength kgf
1,0	1020	105
1,5	650	270
2,0	320	370
3,0	150	780
4,0	105	1180
5,0	75	1510
6,0	60	1960



EUROLINE PREMIUM PLUS®

SUPERIOR STRENGTH NETTING

BRAIDED POLYETHYLENE

Euroline Premium Plus® is the latest step forward in the new generation of HDPE knotted netting materials available from Euronete.

Euroline Premium Plus® Netting will provide the desired characteristics for trawls:

- Smaller diameter twines can be used for the same strength
- Good stretch recovery without major deformation
- High abrasion resistance
- Clean fishing
- Economical, if compared to **Dyneema®** and Spectra

To cover your needs

On this line of **Euroline Premium Plus®** netting, we decided to go only on the twines sizes from 1,0mm up to 5,5mm.

This because we consider that, on the heavy sizes like 6,0mm and 8,0mm, the present line of **Euroline Premium®** netting is sufficiently strong for the needs.

Diameter mm	Runnage m/kg	Breaking Strength kgf
1,0	950	61
1,3	740	80
1,8	520	94
2,2	400	140
2,5	310	174
3,0	230	240
4,0	145	400
4,5	120	481
5,0	96	558
5,5	76	635

Polyethylene Braided Netting has been traditionally used in the past as the top material in the trawl industry.

Some of the advantages of this material are:

- It floats
- Lower operating costs
- Very good abrasion
- Efficient fishing
- Clean fishing

Diameter mm	Runnage m/kg	Breaking Strength kgf
1,8	615	60
2,5	405	100
3,0	274	120
3,5	232	160
4,0	190	185
4,5	168	200
5,0	125	280
5,5	85	350
6,0	75	380
8,0	37	650



BRAIDED POLYESTER

EUROLINE PREMIUM®

SUPERIOR STRENGTH NETTING

Ref.	Diameter mm	Runnage m/kg	Breaking Strength kgf
11-71	2,5	230	200
15-71	3,0	150	250
19-71	3,5	115	330
25-71	4,0	90	410
29-71	4,5	75	500
35-71	5,0	55	660
43-71	6,0	50	740

The weight of polyester under water is about 3 times as high as that of polyamide. This may have a clear benefit in seine/harvest nets, which have higher sinking speed as a consequence. Polyester fibers have such features as strength, resistance, less moisture absorption and resistance to acid and alkali. It combines strength with an excellent abrasion resistance.

Euroline Premium® Netting has the following advantages:

- Single mesh instead of double can be used in larger cod ends
- Smaller twine can be used in existing trawls so greater towing speed can be achieved
- Lower fuel consumption
- Much more economical than knotless netting material and only slightly higher than standard Euroline® netting
- Clean fishing, easy handling and good knot stability
- Good abrasive resistance and stable elongation.

Bottom Trawling Applications

This is a significant aspect where there is a big advantage in using **Euroline Premium®** Netting:

- Smaller diameter twines with the same breaking strength can be used

Mid Water Trawl Applications

Euroline Premium® Netting is made with filaments that are stronger than nylon fibers.

Euroline Premium® Netting provides characteristics very suitable for mid water trawl applications:

- Good Elongation
- Good stretch recovery
- Good shock absorption
- High strength, high abrasion resistance

Diameter mm	Runnage m/kg	Breaking Strength kgf
1,3	830	62
2,0	370	130
2,5	290	145
3,0	250	192
3,5	200	243
4,5	115	417
5,5	81	567
6,0	62	734
8,0	36	1117



EUROLINE® TIPTO

SUPERIOR STRENGTH AND ABRASION RESISTANCE

TWISTED NYLON

HIGH TENACITY NYLON

Diameter mm	Runnage m/kg	Breaking Strength kgf
2,0	338	136
3,0	225	201
3,5	180	221
4,0	140	278
4,5	96	405
5,0	80	456
6,0	57	650
8,0	32	1010
10,0	27	1305
12,0	17	1705

Euroline® TIPTO netting is Euronete's flagship high tenacity PE netting for trawl applications where longevity and mesh accuracy are the decisive factors.

Euroline® TIPTO is developed from Euronete's proprietary TIPTO filaments, which makes use of high performance polymer additives not used anywhere else in twine & netting production, and thus provides an unrivaled resistance to abrasion from friction with any surface or ground composition.

Moreover, **Euroline® TIPTO** was developed using a whole new twine construction concept, resulting in a very compact and round twine, limiting shrinkage to an absolute minimum.

Eurofix® netting is made out of Nylon twisted, normally used on the production of Mid-water (Pelagic) Trawls.

It is produced out of high tenacity Nylon 6 yarns. All our netting is treated in Autoclave to stabilize the netting and prevent shrinkage.

Ref.	Diameter mm	Runnage m/kg	Breaking Strength kgf
210/66	1,8	510	89
210/78	1,9	425	105
210/96	2,1	350	140
210/108	2,3	320	155
210/120	2,4	270	185
210/132	2,5	260	200
210/144	2,6	235	210
210/156	2,7	212	220
210/180	2,9	190	260
210/240	3,4	140	360
210/312	3,9	108	450
210/408	4,4	85	625
210/480	4,8	70	700
210/624	5,5	55	810
210/720	6,0	48	950
210/864	6,5	40	1150



BRAIDED NYLON

HIGH TENACITY NYLON

EUROLINE®

COMPACTED STRONG NETTING

A - "Soft" braided twines

Diameter mm	Runnage m/kg	Breaking Strength kgf
1684/1	600	104
1684/2	290	210
1684/2,5	240	250
1684/3	190	310
1684/4	140	410
1684/5	110	490
1684/6	90	615
1684/7	78	710
1684/8	68	780
1684/10	60	1030
1684/11	50	1100

B - "Hard" braided twines

Diameter mm	Runnage m/kg	Breaking Strength kgf
2,0	380	155
2,3	275	205
2,5	180	300
3,0	120	372
3,5	105	500
4,0	85	585
4,5	75	677
5,0	65	733
6,0	52	950
8,0	39	1340
10,0	30	1450

Nylon Braided netting has been a traditional product in the fishing industry for several decades.

It is produced out of high tenacity Nylon 6 yarns.

All of our netting is treated in Autoclave to stabilize and prevent shrinkage.

Nylon nets can be bonded or not, depending on the application and customers' needs.

We have two types of constructions for our Nylon Braided netting:

A) Made out of soft braided twines - used on the net body of the trawls.

B) Made out of hard braided twines - used on the Cod Ends of the trawls and Beam fishing.

Diameter mm	Runnage m/kg	Breaking Strength kgf
1,2	804	54
1,5	720	56
1,8	615	74
2,2	385	100
2,5	330	115
3,0	250	162
4,0	150	246
5,0	96	350
5,5	78	413
6,0	62	595
8,0	36	980
10,0	28	1240
12,0	20	1400

Euroline® netting is produced out of high tenacity polyethylene twines, which have an average of 30% more strength than standard PE twines.

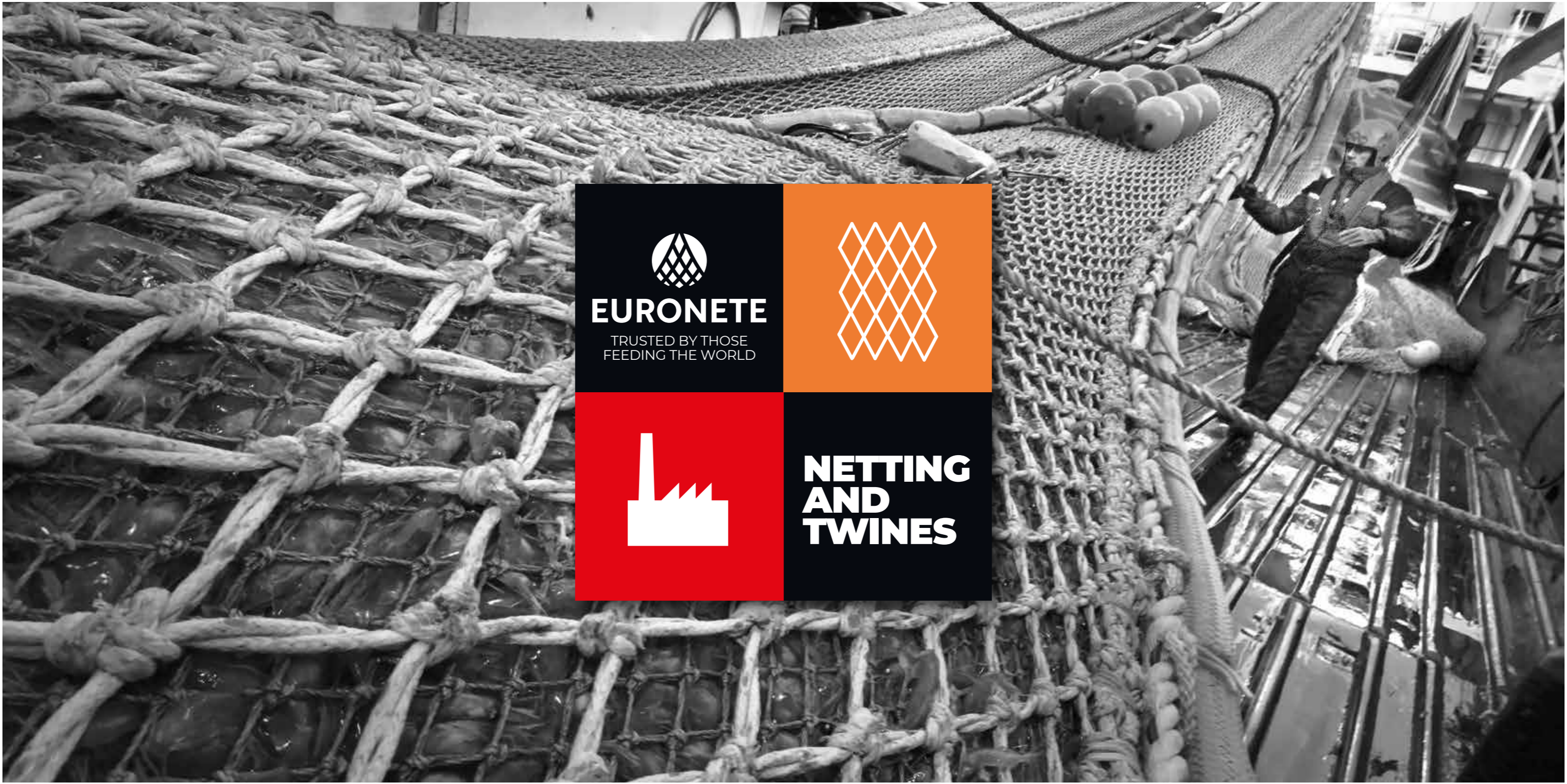
The advantages of using **Euroline®** netting are:

- **Better strength**
- **Better wearing (abrasion properties)**
- **Less drag (smaller size twines can be used)**
- **Less sand penetration (less shrinkage)**

Euroline® single Mesh Cod End (8 and 10mm) is constructed from a high tenacity polyethylene twine, and stabilized to reduce the size of the knots and minimize abrasion.

The main features of this product are:

- **Easy to repair and handle**
- **For single layer Cod Ends, helps reducing by-catch**
- **Lower operational costs**
- **Less fuel consumption**



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	<p>NETTING AND TWINES</p>