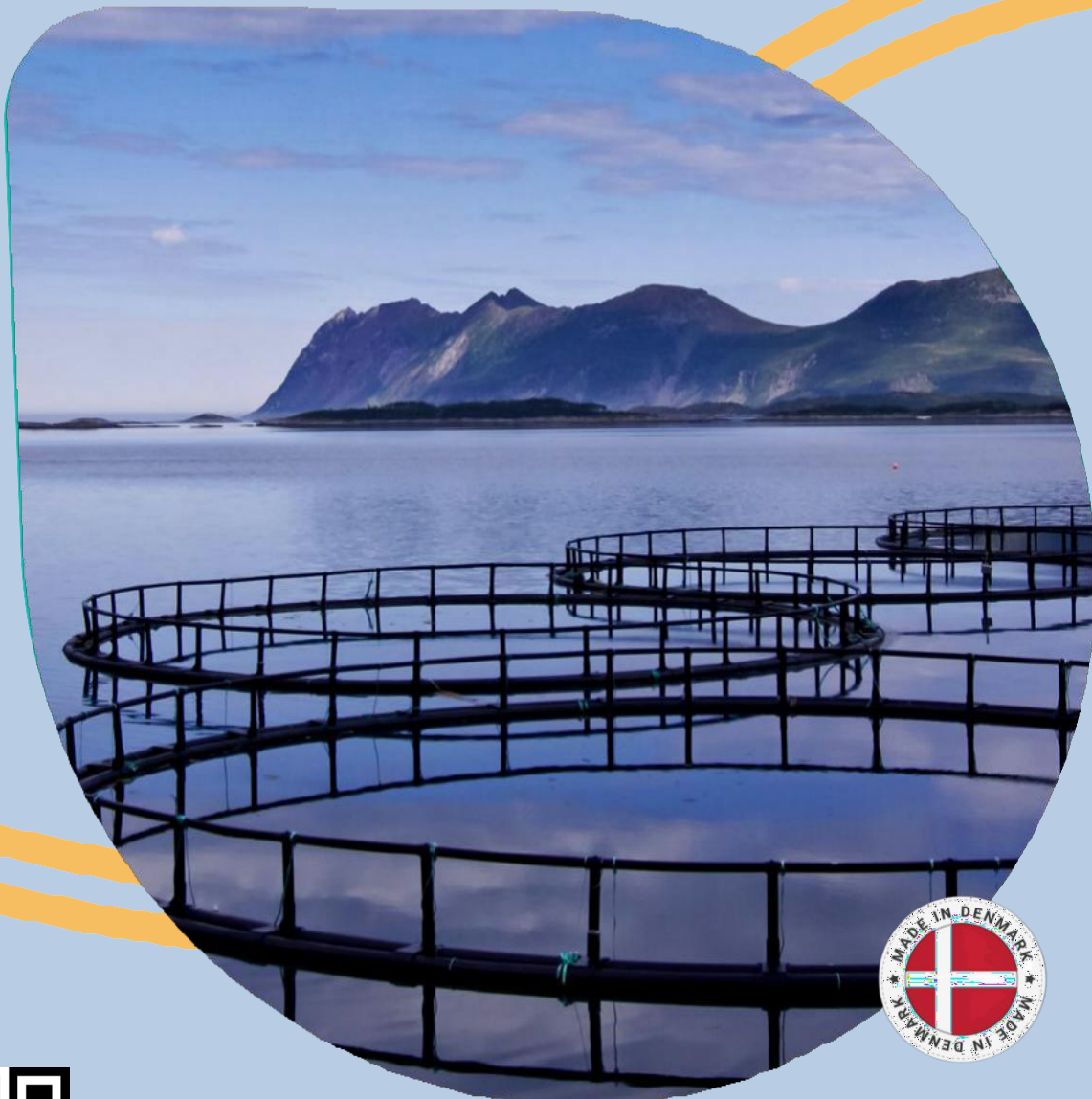
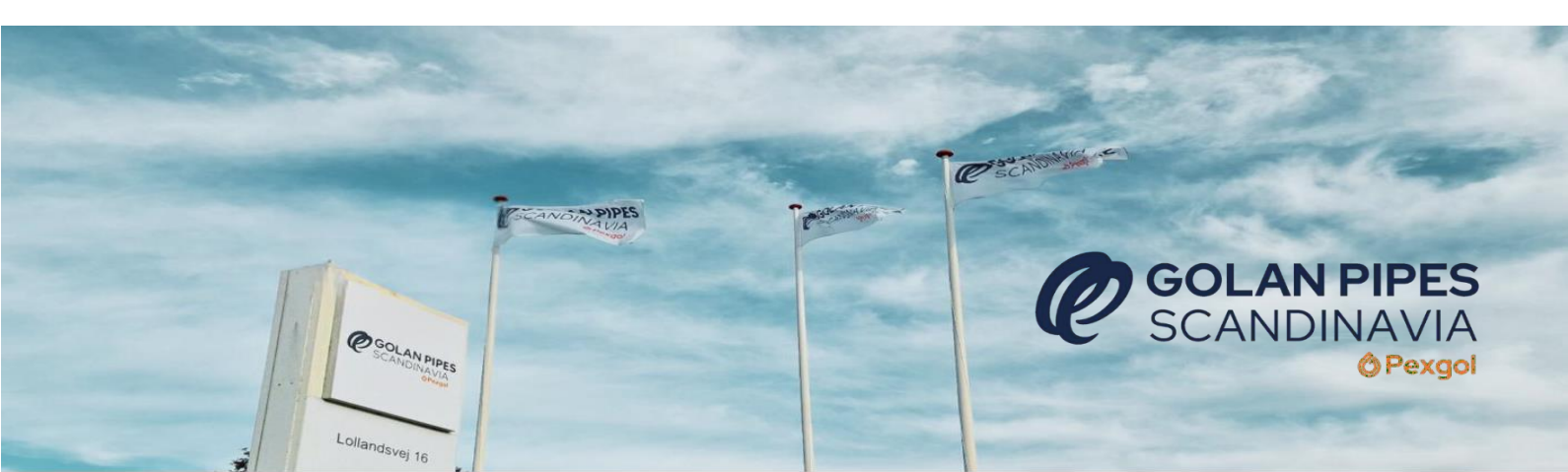


# PescaPex





## Golan Pipes Scandinavia – Setting the Standard in Pipe Solutions

As the trusted market leader in our field, Golan Pipes Scandinavia delivers high-performance piping systems that combine durability, precision, and environmental responsibility.

With 25 years of proven expertise and a commitment to innovation in Denmark, we supply industries across Scandinavia with solutions that outperform in the harshest conditions.

Our reputation is built on quality, reliability, and long-term partnerships, making us the first choice for businesses that demand the best.

Our product portfolio serves a wide range of sectors, including Aquaculture, construction, energy, water management, infrastructure, and heavy industry.

Each pipe is manufactured using advanced production technology, strict quality controls, and sustainable practices that not only meet but often exceed both industry regulations and client expectations.

We work closely with engineers, contractors, and industrial operators to understand their challenges and deliver tailored solutions that provide measurable value over the entire lifecycle of a project.

At Golan Pipes Scandinavia, we lead the market because:

- **Unmatched Quality** – Our pipes are engineered for maximum durability, precision, and performance in even the toughest environments.
- **Innovation First** – We invest in advanced technology and continuous R&D to stay ahead of industry demands.
- **Sustainable Commitment** – We meet the highest environmental standards while delivering cost-effective, long-lasting solutions.







## Internal & External Support in Denmark



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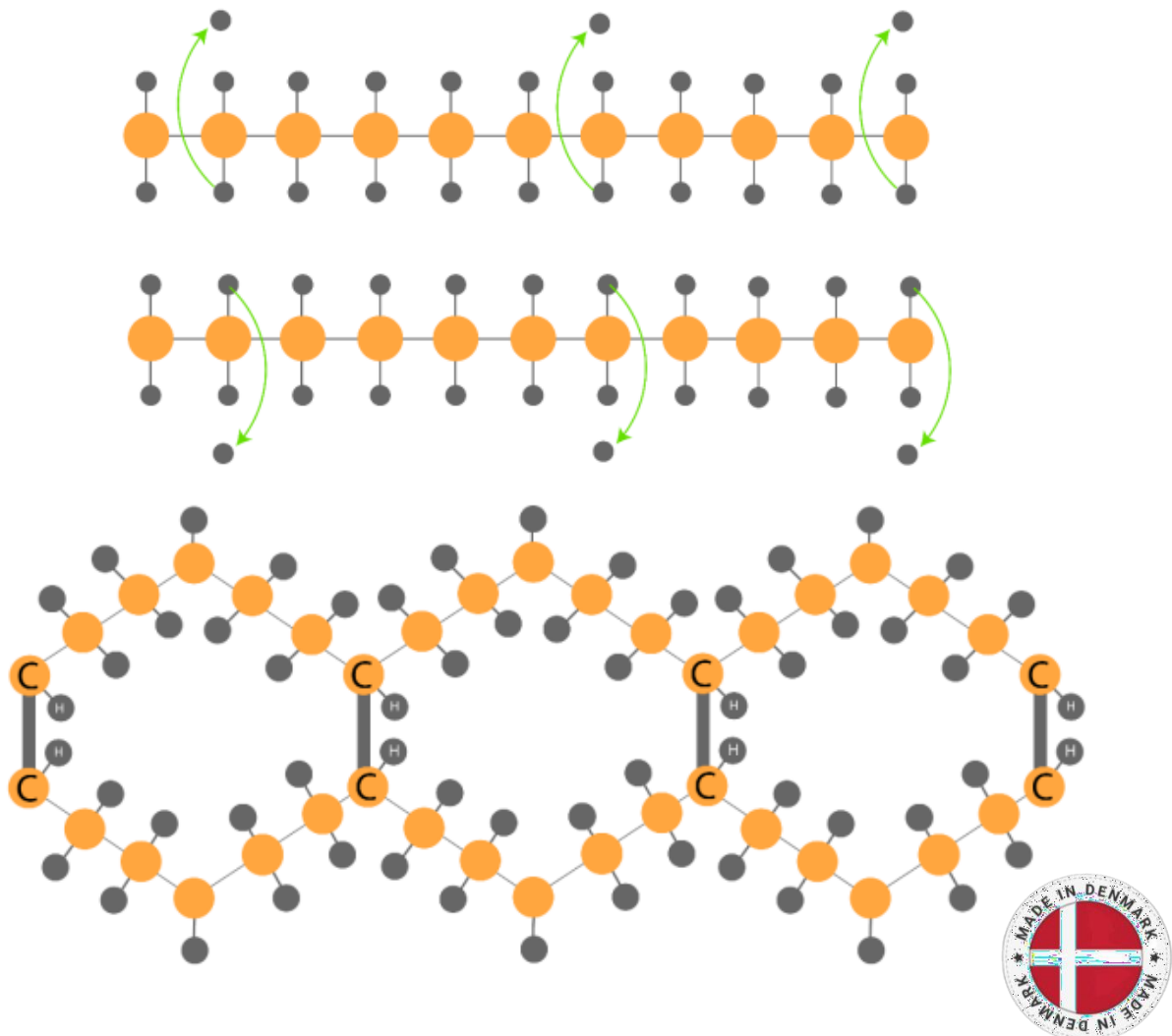
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# PescaPex

PescaPex is a premium product produced at Golan Pipes Scandinavia. Our pipes are produced from an advanced high-density polyethylene, characterized by its remarkably high molecular weight. This intricate production process involves subjecting the raw material to intense temperatures and pressures during extrusion. This critical phase allows the material to undergo a crosslinking process, resulting in a robust and unbreakable chemical bond between the polyethylene chains.

Advantages of PescaPex pipes lie in the cross-linked polyethylene composition, which combines a distinctive and versatile design with superior functionality. This innovative system makes PescaPex pipes an ideal choice for the transportation of a diverse array of substances, particularly those requiring exceptional chemical and mechanical resistance. Designed to tackle the unique challenges of the aquaculture industry, PescaPex pipes deliver unmatched durability and reliability, setting new standards in aqua pipeline solutions.



# PescaPex Dimensions

PescaPex is not just a pipe; it's a unique solution designed to meet the diverse and dynamic needs of aquaculture. The range spans from 20 mm to 710 mm.

## Customized Solutions

Understanding the unique challenges of the aquaculture industry, we offer PescaPex in three distinct variants, each tailored to meet specific requirements:

- **Antistatic Pipes:** Engineered to reduce static build-up, these pipes range from  $10^{(-6)}$  to  $10^{(-10)}$  ohm/square, offering an added layer of safety and functionality in sensitive aquatic environments. Available up to 160 mm.
- **Regular Pipes with UV Resistance:** These pipes are fortified with enhanced resistance to UV radiation, making them perfect for outdoor and exposed applications, ensuring longevity and performance even under the relentless sun. Available between 20 mm to 710 mm.

**PescaPex** pipe is not just a pipe, but a critical component in the success of modern aquaculture operations. They are not only robust and efficient but also environmentally friendly, aligning with the sustainable goals of the industry.

## The Choice for Tomorrow's Aquaculture

With PescaPex, the aquaculture can look forward to a future where efficiency, resilience, and safety are not just a wish, but everyday realities.



# Benefits and advantages

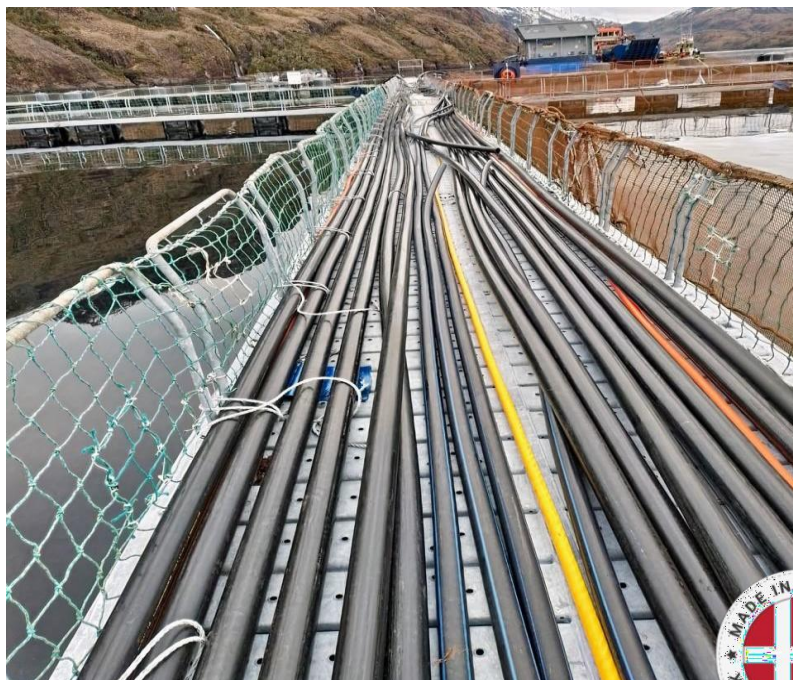
PescaPex pipes brings a wide range of unmatched benefits to aquaculture, combining advanced technology with practical functionality:

- 01** **Enhanced Abrasion Resistance:** PescaPex pipes have between 3 to 5 times higher wear resistance than conventional HDPE, effectively countering abrasion caused by pellets.
- 02** **Extended Lifespan with Minimal Maintenance:** Designed for durability, these pipes significantly reduce the need for maintenance over multiple cycles, allowing for uninterrupted focus on fish feeding rather than pipe repair and exchange.
- 03** **Efficient Feed Particle Management:** PescaPex pipes are adept at reducing both small and large feed particle volumes, thereby enhancing feeding efficiency.
- 04** **Optimized Internal Surface:**
  - **Hazen-Williams Coefficient:** PescaPex pipes stand at 155 compared to HDPE's 150, ensuring smoother feed transport.
  - **Absolute Roughness:** PescaPex pipes have a rating of 0.0006, significantly outperforming HDPE's 0.0015, with 60% less roughness, which minimizes food breakage during transport.
- 05** **Exceptional Resistance to Wave Movements:** PescaPex robust construction offers superior resistance to the dynamic movements and pressures of the environment.





- 06** Unobstructed Feed Flow: The PescaPex pipes design ensures seamless movement of feed, preventing blockages within the pipeline.
- 07** Extraordinary Mechanical Resistance: The cross-linking process gives PescaPex pipes remarkable mechanical strength, making them resistant to wear and breakage in demanding conditions.
- 08** Resilience Under Pressure: The PescaPex pipes ability to “relax” allows them to withstand and recover from external pressures without sustaining dama
- 09** Resistance to Slow Crack Growth: The unique composition of PescaPex pipes offers excellent resistance to tension, preventing slow crack growth due to their mechanical and thermal memory.
- 10** Longer Lengths in Coils: PescaPex pipes are flexible and easy to handle. They are available in lengths up to 500 meters in 90 mm diameter, with few or no electrofusion joints needed.



# Environment

PescaPex pipes play a significant role in promoting sustainable practices in the aquaculture industry. The innovative design and superior durability of these pipes align with the principles of the circular economy, reducing environmental impact significantly.

## Reduced Microplastic Emission

PescaPex pipes, have substantially lower wear rate than HDPE pipes. This reduced wear means significantly fewer microplastics are released into environments.

## Supporting Eco-Friendly

The transition to PescaPex pipes in aquaculture is a step towards more environmentally responsible practices, helping to create a sustainable future for the industry.



## Enhanced Environmental Protection

By lowering the emission of microplastics, PescaPex pipes help protect marine life and maintain the ecological balance of oceans.

## Efficient Reuse

PescaPex pipes are efficiently reused across multiple feeding cycles in aquaculture farms. Their durability minimizes the need for frequent replacement, supporting sustainability and economic efficiency in aquaculture.

## Sustainable Material Choice

Durability means a longer operational life, reducing the need for frequent replacements and thereby decreases overall contribution of microplastics.

## Advancing Circular Economy Principle

The lifetime and reduced wear of PescaPex pipes Aligning with the principles of circular economy, emphasizing resource efficiency and waste reduction.





# Fittings & Accessories

We offer a full piping solution that includes all kinds of fittings and accessories to provide and easy, cost-efficient and quick installation.

**Electrofusion Fittings**  
**EF Coupler**



**Flared End Connectors**



**Mechanical Double Connector**



**Split Flange for Flared End**



**GP Flange Coupler**



# Transportation

PescaPex pipes are available in diameters from 63 mm (2") to 160 mm (6") and are available to be shipped in coils.

Pipe		20' and 40' containers			40' containers		Open Top Containers		
Outside Diameter (mm)	Class	Max. Length per coil (m)	20' number of coils	40' number of coils	Max. Length per coil (m)	40' HC number of coils	Max. Length per coil (m)	20' OT number of coils	40' OT number of coils
63	10	600	5	11	800	10	N/A	N/A	N/A
63	12	600	5	11	800	10	4500*	1	3
63	15	700	5	11	800	10	4500*	1	3
63	19	700	5	11	800	10	4500*	1	3
63	24	700	5	11	800	10	4500*	1	3
63	30	700	5	11	800	10	4500*	1	3
75	10	300	5	11	450	10	N/A	N/A	N/A
75	12	450	5	11	500	10	3300*	1	3
75	15	500	5	10	500	10	3300*	1	3
75	19	500	5	10	500	10	3300*	1	3
75	24	500	5	10	500	10	3300*	1	3
75	30	500	5	10	500	10	3300*	1	3
90	10	200	5	11	300	8	N/A	N/A	N/A
90	12	250	5	11	350	8	2000*	1	3
90	15	300	5	10	400	8	2000*	1	3
90	19	300	5	10	400	8	2000*	1	3
90	24	300	5	10	400	8	2000*	1	3
90	30	300	5	10	400	8	2000*	1	3
110	12	130	5	11	180	8	1300*	1	3
110	15	200	5	9	220	8	1300*	1	3
110	19	200	5	9	300	8	1300*	1	3
110	24	230	5	9	300	8	1300*	1	3
110	30	230	5	9	300	8	1300*	1	3

Pipe		20' and 40' containers			40' HC containers		Open Top Containers		
Outside Diameter (mm)	Class	Max. Length per coil (m)	20' number of coils	40' number of coils	Max. Length per coil (m)	40' HC number of coils	Max. Length per coil (m)	20' OT number of coils	40' OT number of coils
125	15	150	5	10	200	8	1000**	1	3
125	19	150	5	10	200	8	1000**	1	3
125	24	150	5	10	200	8	1000**	1	3
125	30	150	5	10	200	8	1000**	1	3
140	12	N/A	N/A	N/A	180	8	760**	1	3
140	15	80	5	11	180	8	900**	1	3
140	19	N/A	N/A	N/A	180	4	900**	1	3
140	24	N/A	N/A	N/A	180	4	900**	1	3
140	30	N/A	N/A	N/A	180	4	900**	1	3
160	10	N/A	N/A	N/A	N/A	N/A	450	1	3
160	12	N/A	N/A	N/A	N/A	N/A	620	1	3
160	15	N/A	N/A	N/A	150	4	620	1	3
160	19	N/A	N/A	N/A	150	4	620	1	3
160	24	N/A	N/A	N/A	150	4	620	1	3
160	30	N/A	N/A	N/A	150	4	620	1	3











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### PescaPex Pipes

PescaPex pipes cross-linked polyethylene line pipe have many features that make it excellent, cost-effective alternative to other pipe materials:

- Excellent chemical and corrosion resistance (chemical agents, slurries, toxic materials, radioactive materials).
- Reduced installation costs with long-length.
- Improved flow capacity due to smooth interior surface.
- High resistance to abrasion and UV exposure.
- Wide working temperature range

