



FISH FARMING

WHO WE ARE

DERIPLAST GROUP S.r.l., originally founded in 1960 with the company name IGD - ITALO GERMANICA DERIVATI PLASTIC and today part of the SYSTEM GROUP, was among the first companies in Europe to produce pipes in thermoplastic material for civil and industrial applications.

The high quality standards, emblematic of the **DERIPLAST GROUP**, have an effect on the entire production chain, from the selection of raw materials to the finished product, from testing carried out in modern laboratories to the after-sales service.

The quality of the products, the technical competence and the punctuality of the service, have made **DERIPLAST GROUP** point of reference in international markets.

For over 60 years DERIPLAST GROUP has been extruding pipes in PE80 – PE100 – PE100RC from DN20mm to DN1200mm in accordance with national and international standards obtaining numerous Product Quality marks issued by third party certification bodies.

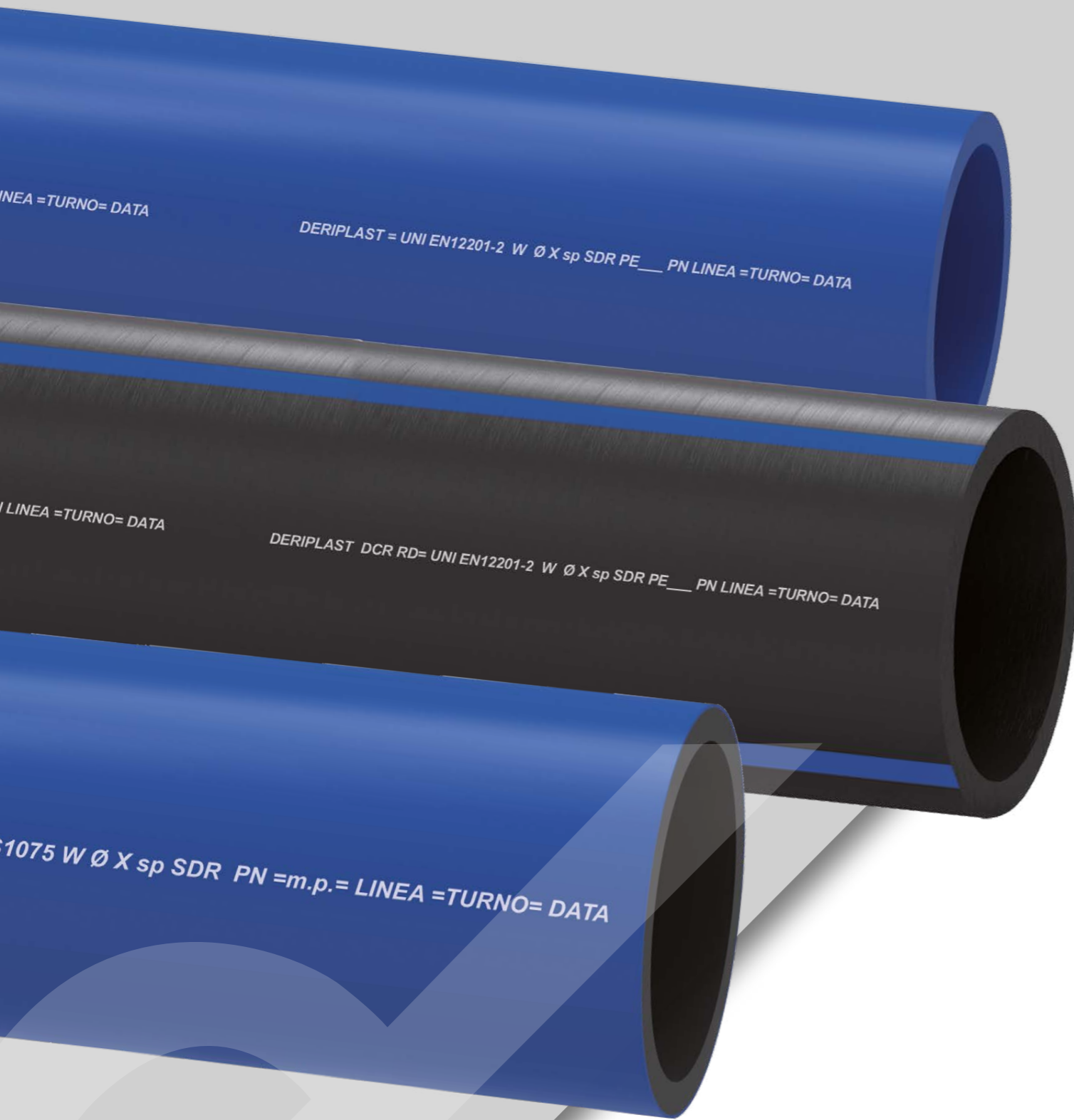
The production range includes smooth polyethylene pipes for:

Aqueducts	Drainage	Cable Protection	Fish Farming
Gas Pipelines	Fire Fighting	Dredging	Marina Works
Sewerage	Irrigation	Mining	Accessories

The plant, located in the industrial area of Villadose (RO) on a surface of over 60,000 m², of which approximately 10,000 m² covered, has a yearly production capacity exceeding 25,000 tons with seven modern extrusion lines.

The Research and Development department provides customized solutions for the creation of modern products and systems aimed at meeting the growing performance demands of the dredging sector.

DERIPLAST GROUP works steadily with partner companies in Europe, Africa, Asia and Americas by exporting over 70% of its turnover.



A FAMILY COMPANY WITH A PRODUCT CAPACITY OF INDUSTRY LEADERS

Part of SYSTEM GROUP, DERIPLAST GROUP is the emblem of tradition and competence.



HIGHLY PROJECT FOCUSED, IT EXCELS IN TECHNICAL SUPPORT AND TIMING

Highly responsive to customer needs, it stands out for its flexibility in the production line.



A RELIABLE PARTNER WITH ENDLESS SOLUTIONS

DERIPLAST GROUP leverages its experience to provide the highest industry standards.



SOCIAL AND ENVIRONMENTAL SUSTAINABILITY PROGRAMS

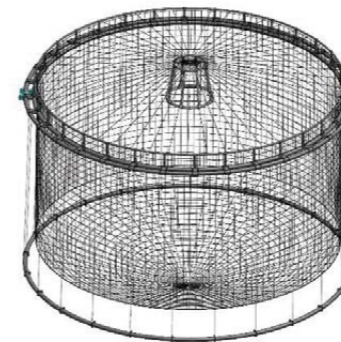
DERIPLAST GROUP supports initiatives to offset CO₂ emissions and reforest the planet.

FISH FARMING



PE PIPES FOR AQUACULTURE

High-density polyethylene (HDPE) is widely used for the construction of floating cages. CentraTubi Spa with many years of experience in the production of pipes for aquaculture, provide HDPE pipes with excellent characteristics of durability, flexibility, resistance to impacts and ultraviolet radiation. HDPE pipes are usually classified based on minimum resistance required for operating pressure at 20 °C for 50 years, such as PE80 or PE100. However, the working pressure of the pipes is not a relevant feature in the construction of floating cages, as are the intrinsic characteristics of the material, thickness, weight, resilience, strength and flexibility.



ANTI BIRD CAGES

Floating cages for anti bird nets placement for the livestock protection, consisting of HDPE pipe of different diameters to create a frame according to the layout and sizes suggested by the clients based on their needs.

MOLDED BRACKETS

The bracket is a structural element that connects the pipes of the floating cage. The strength of the bracket is essential for the functionality of the cage. The design of the brackets may include two or three locations for the floating pipes (A) and possibly an additional location for the walkway pipe (B). In the upper part of the upright, there is a location where is placed the HDPE pipe which acts as a handrail (C). The brackets can be equipped with attachment points specifically designed for anchoring the net and the sinkers (D) using cables or ropes. Furthermore, inside the brackets can be made a place in order to connect it to the sinking system. The same application can be used to place a safety chain that prevents damages of the floating ring in the installations most exposed to strong waves. SYSTEM GROUP MARINE can provide a wide choice of brackets designed according to the customer's specifications, engineered by the R&D department according to the characteristics of the site and the strength required for the cage.



MARINE WORKS



SEAWORKER

SeaWorker is an innovative boat, entirely built with HDPE pipes and panels 100% pure, through manual welding done by qualified operators.

The specific shape of the hull and its characteristics, make the boat strong, fast and stable and with high load possibilities. It is suitable for those who use it for work, fishing or diving or any other application in which high performances and durability are required.

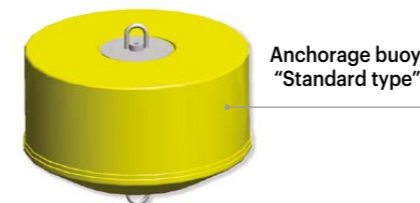
ANCHORAGE BUOYS

Our Polyethylene Buoys are made with new types of plastic materials developed specifically for marine application.

Their shape and structure is designed to make the buoys highly resistant to environments and marine situations more extreme.

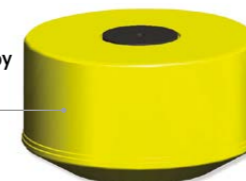
Anchorage buoy "Standard type" consisting of 2 LLD-PE shells made through rotational moulding, filled with polystyrene with a density of 30 kg/m^3 and assembled together afterwards. The upper eyebolt is fixed and the lower one is movable. They are connected by a steel bar with diameter 30 mm. Under each eyebolt there is a steel flange with a thickness of 5mm, for compacting the buoy, and a EPDM gasket, to guarantee the sealing.

Anchorage buoy "BB" type which consists of 2 LLD-PE shells made through rotational moulding, filled with polystyrene with a density of 30 kg/m^3 and assembled together afterwards. On the upper and lower part there are two PE flanges with a thickness of 20 mm, to which a pipe is welded a pipe with an inner diameter of $ID=110 \text{ mm}$. Afterwards, these flanges are welded to the buoy to guarantee a perfect sealing



Anchorage buoy
"Standard type"

Anchorage buoy
"BB" type



LOGISTIC SUPPORT



LOGISTIC SUPPORT



GPS TRACKING



ELECTRIC TRANSPORT (CO₂ EFFICIENT)



TRANSPORT BY CONTAINER (SHIPPING)



TRANSPORT BY TRUCK (DELIVERY)



INTERMODAL TRANSPORT

SUSTAINABILITY PROGRAM



Social and environmental sustainability have always been of great importance for **DERIPLAST GROUP**.

The initiative of planting an olive grove with NGO Olivami not only makes it possible to offset carbon dioxide emissions, but by planting new olive trees and gifting them to the farmers, it supports their recovery in a depleted region of Italy affected by Xylella.

DERIPLAST GROUP supports CO₂ offsetting initiatives and reforestation projects; it produces renewable energy to power the plants and counterbalance its impact on the environment.



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