



Agrotextiles



Biodegradables



Geotextiles



Specialist



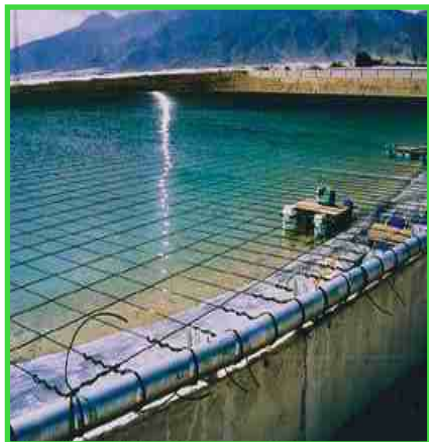
Wildlife



Living Walls & Roofs



Accessories



## Bayco®

**Bayco® support wire was developed specially for applications in fruit and wine growing and greenhouse constructions.**

Bayco® is high tensile polyamide monofilament wire which offers many advantages over normal wire.

It is approximately 7 times lighter than steel wire, so is much easier to handle and use. Two or three rows can be tightened in one step, which saves time and manpower (especially on steep slopes). There is no friction, hot spot or rust damage that occurs because of the permanently smooth plastic surface, with pesticides and fertilisers not affecting the wire.

It is UV and weather stabilised to retain high tensile strength and elongation elastics for many years. Once secured tight, it will remain without special maintenance, even high temperatures during summer will not affect it - also the load capacity is above average.

Hy-Tex strongly recommend the use of Bayco® for all horticultural applications. We also supply specialised Bayco® fixings for tensioning the wire.

## High Quality Monofilaments Made in Germany

More than 50 years of experience in production and sales of monofilaments are the basis for the expertise and innovation at Perlon Nextrusion Monofil GmbH.

The monofilaments are sold worldwide under the brand names Perlon® and QualiFil®. With 300 employees and an annual capacity of 12,000 to a turnover of € 70 million is reached.

By consistently focusing on product quality, we have succeeded in establishing ourselves as the market leader in synthetic monofilaments for paper machine clothing as well as for almost all applications of technical textiles.

In addition to our broad product portfolio, we also develop sophisticated solutions to suit the individual needs of our customers, delivering on schedule and to exact specifications.

## Features/Benefits:

- Grades Between 2.00mm - 6.00mm Available
- High Uniformity in Diameter
- High Viscosity Polyamide 6-product
- High Linear Tenacity
- Durable Smooth Surface

Application Categories: Horticulture, Agriculture and Equestrian

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## Greenhouses

Whether in construction wires for greenhouses or in shading for greenhouses, XV500 and XV400 monofilaments assure low weight, elasticity and durability.

Greenhouses are getting bigger and bigger. The challenge is to securely fix the foil sheeting without burdening the entire greenhouse construction with too much weight and to prevent the sheeting from fraying.

Bayco®'s weather-stabilisers are long-proven, the monofilament does not corrode but keeps its smooth surface. Bayco® is always excited in all weathers and keeps the greenhouse film securely to the substructure.

## Oyster Farming

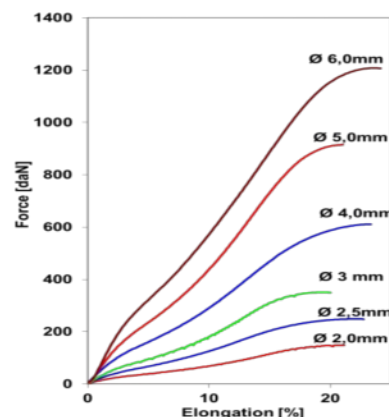
Innovative, adjustable long-line oyster farming systems manage oysters more efficiently and economically than traditional methods, leading to higher yields and lower maintenance costs. Bayco®'s resistance to salt water and its weather-resistance makes it a solid long-term investment.

## Water Depot Coverings

Bayco® plays a key role in modern water management. Extensive water depots are protected by high-tech geotextiles, fixed with Bayco® monofilaments. The durability and smooth surface of Bayco® and its ability to retention are keeping the fabric and the construction safe for a long time. Bayco® can sustain high load from heavy rain due to its elasticity.

### Perlon® monofilament made of Polyamide 6 for Construction wire.

This product information was created in good faith and with great care. For the accuracy, completeness or topicality of the content, we cannot assume any responsibility. Depending on the diameter and manufacturing technology, the technical parameters and the behaviour of the monofilament may vary.



Type	Color	Additive	Diameter	Breaking force	Running length
XV500	Black	light, heat, -and weather stabilised	2,00 mm	155 daN	ca. 270 m/kg
XV500	Black	light, heat, -and weather stabilised	2,50 mm	260 daN	ca. 180 m/kg
XV500	Black	light, heat, -and weather stabilised	3,00 mm	345 daN	ca. 120 m/kg
XV500	Black	light, heat, -and weather stabilised	4,00 mm	550 daN	ca. 69 m/kg
XV500	Black	light, heat, -and weather stabilised	5,00 mm	830 daN	ca. 45 m/kg
XV500	Black	light, heat, -and weather stabilised	6,00 mm	1177 daN	ca. 31 m/kg
breaking elongation: 14-30 % depending on type and diameter daN = kg					
All data mentioned above are approximate values. They are based on tests of unconditioned material. A tolerance of +/- 10% must be considered.					

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