

# Hy-Tex **Bayco** Monofilament Agricultural Wire

## Construction 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.

### 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-stabilizers 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.

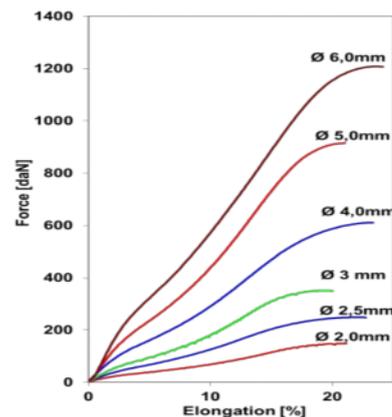
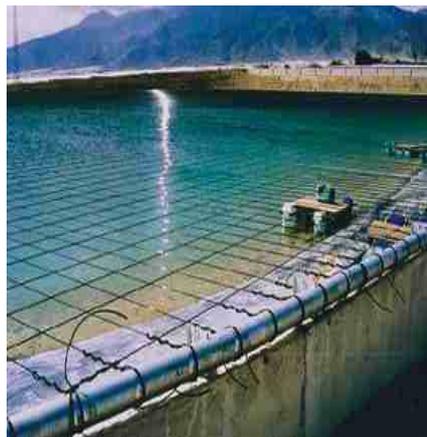
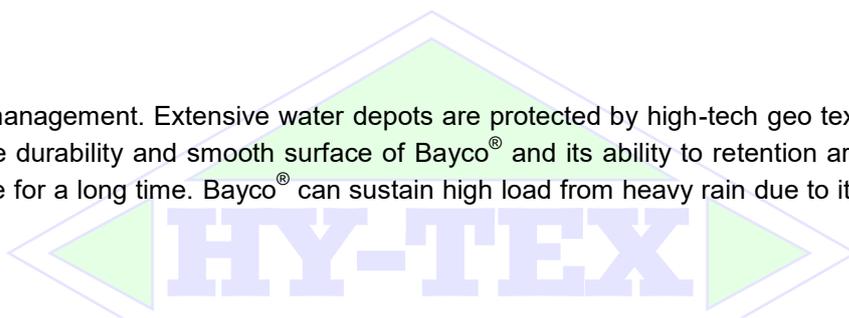
### Perlon® monofilament made of Polyamide 6 for Construction wire

- Ø 2,00 – 6,00 mm
- High uniformity in diameter
- High viscosity Polyamid 6-product
- High linear tenacity
- Durable smooth surface
- Poor heat conductivity

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## Water depot coverings

Bayco® plays a key role in modern water management. Extensive water depots are protected by high-tech geo textiles, 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.



## Technical specifications

Type	Color	Additive	Diameter	Breaking force	Running length
XV500	Black	light, heat, -and weather stabilized	2,00 mm	155 daN	ca. 270 m/kg
XV500	Black	light, heat, -and weather stabilized	2,50 mm	260 daN	ca. 180 m/kg
XV500	Black	light, heat, -and weather stabilized	3,00 mm	345 daN	ca. 120 m/kg
XV500	Black	light, heat, -and weather stabilized	4,00 mm	550 daN	ca. 69 m/kg
XV500	Black	light, heat, -and weather stabilized	5,00 mm	830 daN	ca. 45 m/kg
XV500	Black	light, heat, -and weather stabilized	6,00 mm	1177 daN	ca. 31 m/kg
XV400	White	light, -and heat stabilized	3,00 mm	380 daN	ca. 120 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.

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.