

Bayco®



Perlon® – The Filament Company

Perlon® – The Filament Company – is an innovative, global group of companies specialized in the manufacture of synthetic filaments. Perlon® generates annual sales of more than 150 million euros, employs about 850 people and has a production capacity of 23,000 tons. We operate from locations in Germany, Poland, in the USA and in China.

Through our technical expertise and strength in innovation we develop premium quality products for our customers. The comprehensive product portfolio is based on a variety of raw materials. In line with the intended application, these are modified and processed into high quality, application-specific filaments. The consistent high quality of our products sets worldwide benchmarks.

Bayco® wire – innovative products for agriculture

The Bayco® brand denotes a high performance mono-filament made by Perlon® out of polyamide 6. Bayco® was developed for the agricultural industry and is used where its advantages become your benefits. Bayco® is synonymous with durability and environmental safety.

Thanks to its permanently smooth surface and high elasticity, Bayco® will meet the highest demands of protection, safety, tensioning and stitching in agriculture as well as various constructions. Bayco® doesn't fray or fibrillate and reduces the risk of injury when used as pasture fencing. Excellent UV and weather resistance in combination with low weight and optimum elasticity allow for many years of use and a permanently clean appearance. When correctly tensioned, Bayco® will not sag, which eliminates time-consuming maintenance work in all areas of application. Bayco® doesn't rust and is resistant to phosphates, herbicides and rot. Saltwater will also not damage Bayco® therefore it is ideal for use on flood plains. We also offer an electrically conductive version as well if required: Bayco® Electro.

Advantages at a glance

- Advantages over metal wire: it doesn't rust/is 6 times lighter and therefore easier to handle for example when tying on / no re-tensioning required
- Bayco® has high strength and low elongation at the same time
- UV and weather resistant
- Less damage due to its smooth surface
- Not sensitive to frost
- Resistant to pesticides, fungicides, fertilizers, oils, fats and salt water
- Available in a range of diameters from 2.00 - 6.00 mm

The Bayco® brand family in more detail



Whether hail, sun or insect screens, poly greenhouses or water reservoir covers, the unique combination of high tensile strength and optimal elasticity of Bayco® construction wires will win you over. Thanks to the permanently smooth surface and thermal stability of the monofilament, Bayco® can significantly increase the service life of nets and sheeting. Bayco® lends itself well to this application due to its virtually maintenance-free properties.



Bayco® pasture fence made from polyamide 6 is the ideal choice for the animal friendly husbandry of horses without electricity. The optimal elasticity and a smooth surface have a particularly low risk of injury for animals. Bayco® doesn't fray or fibrillate – even when snapped. Its UV and weather resistance, low weight and high elasticity ensure that the wire retains its properties for many years to come. Once correctly tensioned, Bayco® remains permanently taut – maintenance work is not required.



The Bayco® electric fence system offers a reliable, high quality, maintenance free alternative to conventional electric fence materials. The characteristic properties of Bayco® made from polyamide 6 with its innovative wire mesh enable the long term use of the pasture fence without impairment to the protection or appearance. Installation is possible with standard insulators and various stakes – additional wire tensioners or tension rollers are not necessary. Combine our Bayco® electric fence with our non-conductive pasture fence for an ideal combination of protection and animal health!



For decades Bayco® has been used worldwide as trellis wire for fruit and vines. High UV and weather resistance, permanent elasticity and being light in weight make Bayco® an efficient tensioning and stitching wire. With the unique Bayco® system pruning can be done quicker. With the wire also being maintenance free, labour costs can effectively be saved. The smooth surface successfully prevents friction damage and thereby reducing infection from viruses, bacteria or fungi.

