

Perlon[®]Xline



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 140 million euros, employs about 840 people and has a production capacity of 23,000 tons. We operate from locations in Germany, 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.

Land the big one with fishing line from Perlon[®]

Special angling techniques require special line characteristics – be it stretch, colour, load capacity, transparency or softness. By using optimally compatible raw materials and processing techniques, Perlon[®] offers a broad range of fishing line for hobby and game fishing as well as tried and tested grades for the competition angler. More than 1,300 IGFA (International Game Fish Association) world records have been achieved using PerlonXline fishing line.

Through regular communication with our worldwide partners in the sport fishing business and through continuous development, products can be developed which have characteristics ideally matched to their respective use. The angler is spoilt for choice in terms of the wide variety of diameters with coordinated linear and knot strengths and excellent abrasion resistance. Whether it's casting, sea fishing or river angling – anglers the world over trust PerlonXline fishing line from Perlon[®].

PerlonXline monofilament from copolyamide 6/6.6

- Ø 0,10 – 2.00 mm
- High consistency
- High linear strength
- High loop strength
- High knotting strength
- High abrasion resistance
- High elasticity
- High wear resistance

Technical specifications

Type	Diameter range	Tensile strength in cN/tex	Elongation at break in %	Technical characteristics
X120	0.10 - 1.10 mm	57 +/- 5	28 +/- 5	High tensile and breaking strength, dull
X130	0.10 - 1.10 mm	57 +/- 5	28 +/- 5	High tensile and breaking strength, transparent
X135	0.10 - 1.10 mm	64 +/- 5	20 - 40	Very soft, very low memory, high knot strength
X136	1.20 - 2.00 mm	64 +/- 5	20 - 40	Low bending stiffness, very low memory, high knot strength
X145	0.10 - 0.70 mm	76 +/- 5	25 +/- 5	Very high abrasion resistance
X160	0.10 - 0.60 mm	78 +/- 4	24 +/- 5	Very high tensile and knot strength
X160 C	0.40 - 1.30 mm	70 +/- 5	25 +/- 5	Very high knot strength
X170	0.10 - 0.80 mm	86 +/- 8	21 +/- 5	High breaking force, abrasion resistant
X180	0.10 - 0.60 mm	95 +/- 8	22 +/- 5	High breaking force, abrasion resistant

Available on large spools in various specifications (depending on type and diameter) with up to 8 kg winding for respoolers, or small spools with the PerlonXline branding in end user packaging; available in various hank sizes and run lengths.

All fishing lines are also available with diverse coatings (PVDF, etc.).

Brand related products: X120, X130, X135, X136, X145, X160, X160C, X170, X180

This product information has been compiled to the best of our knowledge and with the greatest of care. We cannot, however, assume any liability for the accuracy, integrity or timeliness of its content. The technical parameters and the behaviour of the monofilament can vary depending on diameter and production technique.