

High-Quality Monofilaments



Sport & leisure

PerlonXline



Perlon® – The Filament Company

Perlon® - The Filament Company - is an innovative and global group of companies specialising in the production of synthetic filaments. We produce at sites in Germany, Poland, China, India and the USA. We offer an extremely diverse product portfolio for almost every technical application. We are constantly creating new solutions for unique products - Our Engineering. Your success.

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 spoiled for choice in terms of the wide variety of diameters with coordinated tensile 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 0.16 – 2.00 mm
- High consistency
- High tensile strength
- High loop strength
- High knotting strength
- High abrasion resistance
- High elasticity
- High wear resistance

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Technical Specification

Type X120 / Type X130:

Characteristics:

- All-Rounder
- Soft
- Medium elasticity
- Abrasion resistance
- Semi-dull (X120)

Diameter	0.160	0.180	0.200	0.220	0.250	0.275	0.300	0.325	0.350	0.375	0.400	0.450
Load capacity [kg]	1.5	2.1	2.5	2.9	3.6	4.2	5.2	6.1	6.6	7.5	8.5	10.7
Load capacity [lbs]	3.4	4.6	5.4	6.4	7.9	9.1	11.4	13.4	14.6	16.6	18.8	23.5
Run length [m/kg]	44,000	35,000	28,000	23,000	18,000	15,000	12,000	10,700	9,200	8,000	7,100	5,600

Diameter	0.500	0.550	0.600	0.700	0.800	0.900	1.000	1.100	1.200	1.300	1.400
Load capacity [kg]	13.2	15.9	18.0	25.2	32.5	40.4	49.9	60.6	67.1	78.9	90.8
Load capacity [lbs]	29.2	35.1	39.6	55.6	71.7	89.0	110.0	133.5	147.9	173.8	200.0
Run length [m/kg]	4,500	3,700	3,100	2,300	1,700	1,400	1,100	900	700	600	500

Type X135:

Characteristics:

- Very soft
- Abrasion resistance
- Very low memory effect
- High tensile and knot strength

Diameter	0.160	0.180	0.200	0.250	0.300	0.350	0.400	0.450	0.500	0.550	0.600	0.650
Load capacity [kg]	1.7	2.2	2.7	4.1	5.9	8.0	10.4	13.1	15.7	18.8	22.5	24.4
Load capacity [lbs]	3.8	4.8	5.9	9.1	13.1	17.6	23.0	28.9	34.6	41.5	49.6	53.9
Run length [m/kg]	43,600	34,400	27,900	17,800	12,400	9,100	6,900	5,500	4,400	3,600	3,100	2,600

Diameter	0.700	0.800	0.900	1.000	1.100
Load capacity [kg]	30.2	39.4	44.9	55.8	68.0
Load capacity [lbs]	66.5	86.9	98.9	122.9	149.9
Run length [m/kg]	2,200	1,700	1,300	1,100	900

Type X136:

Characteristics:

- Very soft
- Abrasion resistance
- Very low memory effect
- High tensile and knot strength

Diameter	1.20	1.30	1.40	1.50	1.60	1.80	1.90	2.00
Load capacity [kg]	78.5	89.8	106.6	116.7	126.8	149.2	166.1	185.1
Load capacity [lbs]	173.1	197.8	234.9	257.2	279.4	328.9	366.0	408.0
Run length [m/kg]	770	660	560	490	430	340	300	270

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Type X160C:

Characteristics:

- High abrasion resistance
- Very high tensile and knot strength

Diameter	0.400	0.450	0.500	0.550	0.600	0.700	0.800	0.900	1.200	1.300
Load capacity [kg]	10.9	13.5	16.6	20.9	23.6	30.9	40.4	50.7	80.0	91.8
Load capacity [lbs]	24.0	29.7	36.6	46.1	51.9	68.0	89.0	111.8	176.3	202.3
Run length [m/kg]	6,900	5,500	4,400	3,600	3,100	2,200	1,700	1,300	700	600

Type X170:

Characteristics:

- Low elongation
- High breaking force linear
- Very high tensile and knot strength
- High abrasion resistance

Diameter	0.160	0.180	0.200	0.220	0.235	0.250	0.275	0.300	0.325	0.350	0.375	0.400
Load capacity [kg]	2.4	2.9	3.6	4.3	4.8	5.5	6.6	7.7	8.5	10.1	11.8	13.7
Load capacity [lbs]	5.2	6.4	7.9	9.4	10.5	12.1	14.6	17.1	18.8	22.3	26.0	30.2
Run length [m/kg]	37,700	29,800	24,100	19,900	17,500	15,400	12,700	10,700	9,100	7,800	6,800	6,000

Diameter	0.450	0.500	0.550	0.600	0.700	0.800
Load capacity [kg]	17.2	19.1	23.1	27.5	37.3	48.7
Load capacity [lbs]	37.8	42.0	50.9	60.6	82.1	107.3
Run length [m/kg]	4,700	3,800	3,100	2,600	1,900	1,500

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 in diverse colors and optionally with PVDF coating.

Brand related products: X120, X120T, X130, X135, X136, X160C, X170

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.

