

Cable pulling wire



Perlon[®] wire brings your cable into exactly the desired shape

All our Perlon[®] monofilaments developed for use as cable pulling wire are characterised by their high level of diameter accuracy and very low ovality. Thus assembly, in particular the pressing in of sleeves and attachments, presents absolutely no problem.

Highly viscous polyamide 6 is stretched such that a perfect ratio of flexural strength to flexibility results in cable pulling wire. The surface is very smooth, abrasion resistant and resistant to oils, fats, fuels and diverse acids.

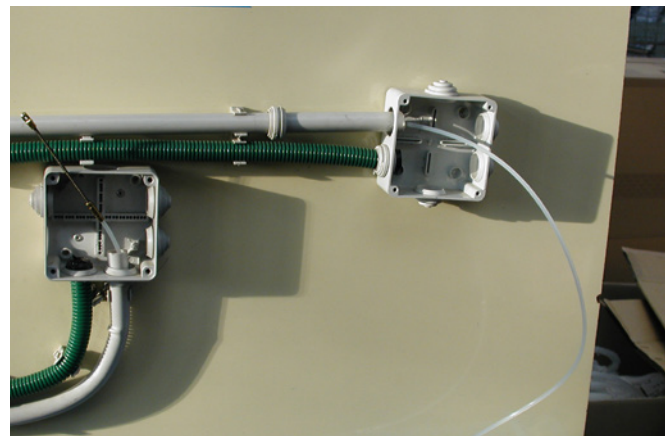
Perlon[®] monofilament from polyamide 6 for cable pulling wire

- Ø 3.00 – 4.00 mm
- High consistency of
 - Titre
 - Monofilament diameter
 - Shrink
 - Surface characteristics
- High breaking force

Perlon[®] – The Filament Company

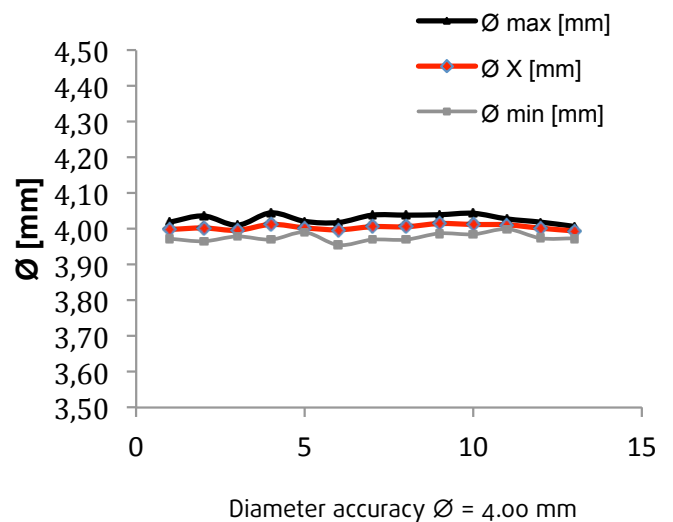
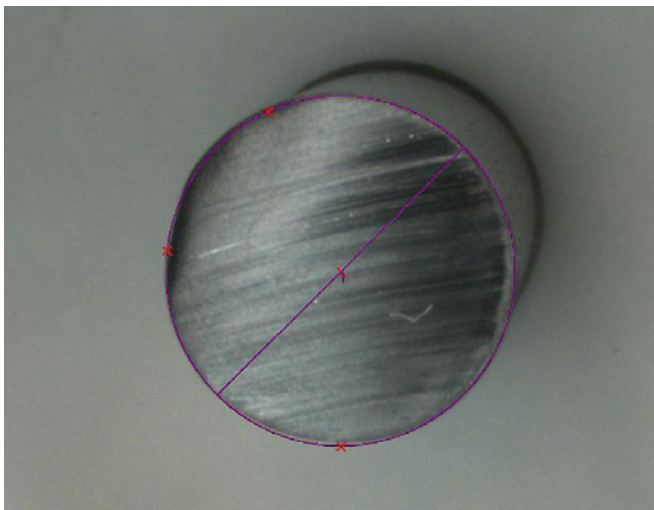
Perlon[®] – The Filament Company – is an innovative, global group of companies specialized in the manufacture of synthetic filaments. Perlon[®] generates annual sales of about 135 million euros, employs more than 850 people and has a production capacity of over 20,000 tons. We operate from locations 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.



Minimum quantity & packaging

- All products available in hanks of 11.5 kg / single hank packaging
- Minimum quantity 28 hanks = 1 pallet
- Extra large strand diameters to prevent a memory effect after the assembly



Technical specifications

| Type | Colour | Characteristics | Diameter | Breaking force | Run length |
|------|--------|--------------------------------------|----------|----------------|------------------|
| X500 | Black | High breaking force, low elongation | 3.00 mm | 341 daN | approx. 120 m/kg |
| X500 | Black | High breaking force, low elongation | 4.00 mm | 545 daN | approx. 69 m/kg |
| X410 | White | High flexibility, high concentricity | 3.00 mm | 231 daN | approx. 120 m/kg |
| X410 | White | High flexibility, high concentricity | 4.00 mm | 352 daN | approx. 69 m/kg |

Elongation at breaking force: 16-30% depending on type and diameter; daN = kg

The data specified above is approximate based on non-climatized tests. A deviation of +/-10% is to be allowed for.

Brand related products: X410, X500

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.