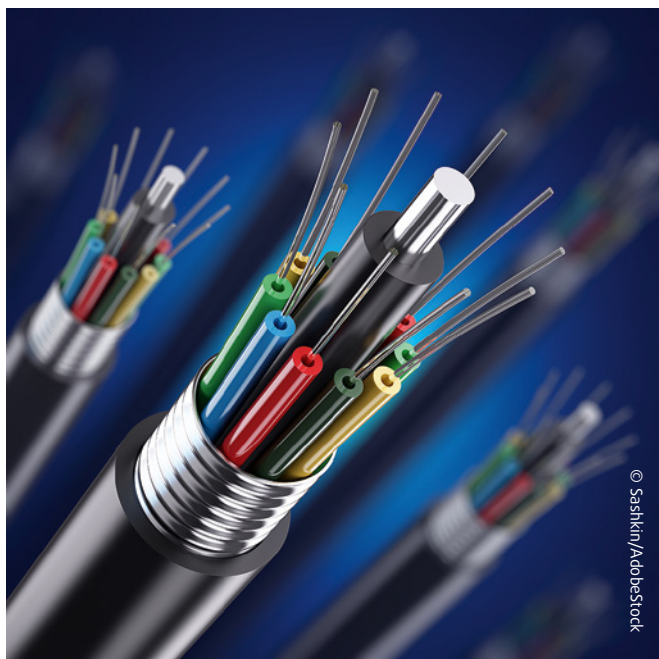


# Monofilament for Cable



## Monofilaments for the cable industry – versatile, precise and (almost) infinitely long

Be it glass fibre cable in telecommunications, data lines or deep sea cable – polyamide and polyester monofilaments are used as a filler in a multitude of designs. To this end, these monofilaments have to withstand the high thermal loads during cable manufacture. The demands on diameter consistency are also high. Ultra-modern production methods permit run lengths of up to 100,000 m or winding onto large spools with up to 500 kg. Thus subsequent connections during cable manufacture are minimised. These monofilaments moreover are characterised by a very low shrinkage. In terms of diameter virtually any desired dimension can be produced.

## Perlon<sup>®</sup> – The Filament Company

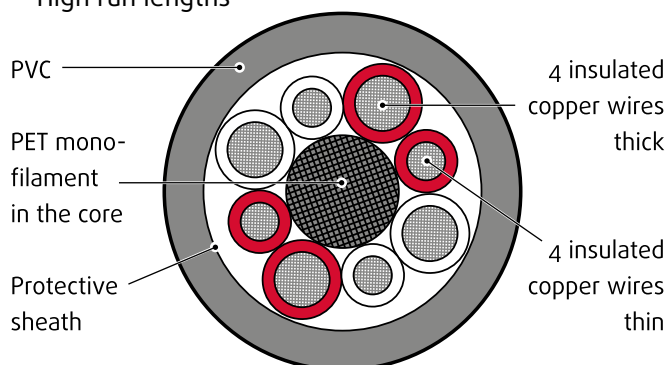
Perlon<sup>®</sup> – The Filament Company – is an innovative, global group of companies specialized in the manufacture of synthetic filaments. Perlon<sup>®</sup> generates annual sales of more than 150 million euros, employs about 850 people and has a production capacity of 23,000 tons. We operate from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

Our 846Z types from polyamide 6 and the 900S type from polyester have been developed specifically for applications in the cable industry. Bicomponent monofilaments and halogen-free monofilaments for special cable applications can also be produced.

### Characteristics

- Very low shrinkage
- Highly accurate diameters
- Broad range of diameters
- High run lengths



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.