

# High-Quality Monofilaments



## Electrical industry Monofilament for Cable



### Perlon® – The Filament Company

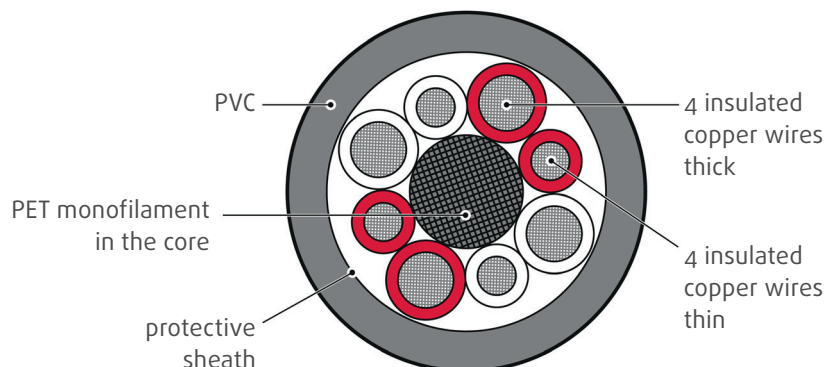
Perlon® - The Filament Company - is an innovative and global group of companies specialising in the production of synthetic filaments. We produce at sites in Germany, Poland, China, India and the USA. We offer an extremely diverse product portfolio for almost every technical application. We are constantly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

### 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. 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.