

Medex®S

Green Line



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 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.

The sustainable filament

Medex®S GreenLine is Perlon®'s sustainable filament and is made from up to 100 % renewable raw materials. Medex®S GreenLine matches the physical characteristics of Medex®S. There is no longer any need to compromise between sustainability and performance!

Environmental protection, occupational safety and energy efficiency stand alongside quality, productivity and cost-consciousness as the main pillars of our corporate philosophy. We are continuously mindful of our duty to adhere to the standards for environmental and energy management systems and therefore follow the guidelines of ISO 14001 and are ISO 50001 compliant. Our robust policy on environmental protection and occupational safety is important for the long-term success of the company and for the retention of customer trust.

Product Specification

- Made from Polyamide 10.10 or 6.10 derived from sustainable bio-based resources
- PA 10.10 → 100 % bio based
- PA 6.10 → ~ 65 % bio based
- PA 11 → 100 % biobased
- 84 Standard colors available, other colors on request
- Diameters: 0.065 mm – 0.40 mm (.0025" – .016")
- Bundle Length: 16 mm – 1200 mm (.629" – 47")
- Packaging available in Plastic tube, plastic film, paper wrapping, spooled



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 filament can vary depending on diameter and production technique.