

Spiral



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.

Filament technology with the extra twist

Spiral technology is one of the most popular filament technologies within the Pedex product range. Our spiral filaments offer your brush an extra twist in terms of visual effect and increased cleaning efficiency.

Perlon[®] is able to twist any filament with different profiles – such as square, trilobal and hexagonal as well as different component filaments consisting of one, two or three components.

This twisting technology is the basis for several of our top selling filaments: Spiral Filaments, Spiral Magic, Spiral Mix, Spiral Magic Mix, Twisted Trilobal Filaments and StainDevil[®].


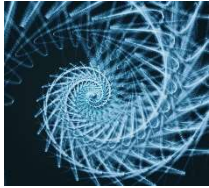



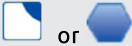

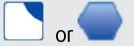






Our twisting technology also offers the flexibility of different base materials for filaments. We can twist PA 6.12, PBT, TPE and many others, so we can enrich your portfolio to the fullest.

Get the extra twist for your brush, contact us!

Product advantages / USP

- Great visualization in the brush possible through colored edges or sparkling look
- Up to 24% higher cleaning efficiency for Spiral Filaments compared to standard filaments
- Combination with filament mixing technology allows standard filament and spiral filament mixing
- High degree of innovation and possibility to develop further filaments custom-made for you
- 84 Standard colors, other Pantone colors available on request
- Bundle Length: 16 mm – 1170 mm (.629" – 47")
- Bundle Packaging: Plastic tube, plastic film, paper wrapping, (spooled on request)

Product Examples

Spiral-Filaments	Spiral Magic	Spiral Mix	Twisted Trilobal	StainDevil [®]
				
twisted 2 component	twisted 2 component	twisted 1&2 component mixed	twisted 1 component	twisted 3 component
 or 	 or 	 or  / 		
2 colors e.g. white/blue	2 colors e.g. natural/blue	2 colors e.g. white/blue + e.g. white	1 color e.g. green	3 colors e.g. white/blue/red
0.127 mm – 0.254 mm (0.005" – 0.010")	0.127 mm – 0.254 mm (0.005" – 0.010")	0.127 mm – 0.254 mm (0.005" – 0.010")	0.127 mm – 0.254 mm (0.005" – 0.010")	0.127 mm – 0.254 mm (0.005" – 0.010")

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.