

Technical Brush Filaments



MultiFil Range



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.

Engineered multifilaments for increased cleaning and grinding capacity

Multifilaments offer superior cleaning capacity compared to single monofilaments for roller brush applications. Each multifilament comprises of multiple filaments wrapped and glued together with special resin. This configuration improves brushing efficiency through ensuring maximum filament contact on the surface and driving the brushing force to the tip of filament. Multifilaments are used in high-end technical brush applications such as rollers for primary metal, automotive blank washers or the TFT/LCD industry.

Key features

- High cleaning and grinding performance
- High mechanical and chemical resistance
- Long brush lifetime

Product range

- MultiPure: ultrafine for sensitive surfaces
- MultiFil: for non-abrasive cleaning
- MultiBrasif®: abrasive multifilament for polishing and grinding

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MultiPure

Constructed from hundreds of ultrafine filaments, MultiPure wipes the surface and is the material of choice for oil removal. It is used for soft materials and leaves a scratch free surface finish.

MultiNyl/MultiBil®

Constructed from dozens of non-abrasive polyamide filaments and is used for improved cleaning performance on flat surfaces. MultiBil® contains our renowned Bilon® filaments to offer extended brush lifetime in applications using hot alkali solutions.

MultiMix

MultiMix is a mixture of 50% MultiNyl or MultiBil® and 50% MultiPure filaments. This combination gives the best results where the application calls for high performance to clean mixtures of oily and heavier residue.

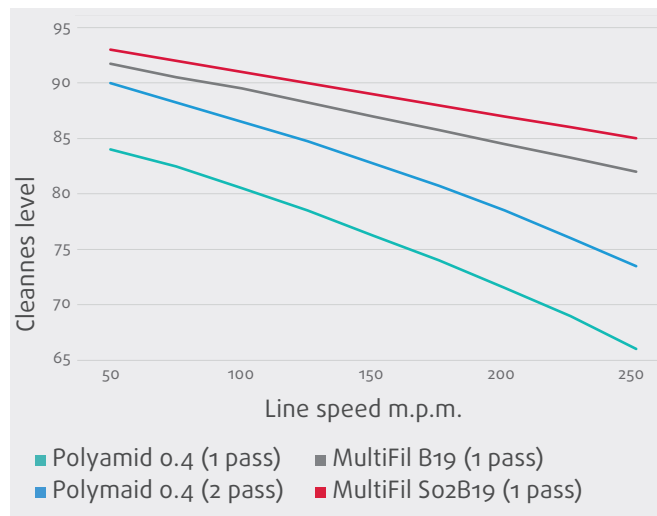
Range

MultiFil	Diameter
MultiPure So2*	ca. 1.35 mm
MultiNyl H19*	ca. 1.35 mm
MultiBil® B19*	ca. 1.35 mm
MultiMix So2H19*	ca. 1.35 mm
MultiMix So2B19*	ca. 1.35 mm

(*) standard stock item

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.

Cleaning performance



MultiBrasif®

Our range of abrasive multifilaments is used for improving the polishing or grinding capacity of roller brushes versus single abrasive filaments.

Range

MultiBrasif®	Grit	Diameter
2.5H1000AX7	1000 AO	ca. 0.95 mm
3.5H1000AX7	1000 AO	ca. 1.20 mm
3.5H500SX7*	500 SC	ca. 1.20 mm
7.5H240SX3*	240 SC	ca. 1.75 mm

(*) standard stock item