



SWISS HIGH CLASS FILAMENTS

Monosuisse AG is the specialist for precise, qualitatively high class monofilaments in the range of 27 μm up to 1.20 mm diameter. The product portfolio includes also fine multifilaments for technical applications. The exchange with customers, exact knowledge of the market, and long lasting experience support Monosuisse in order to improve the existing portfolios and to develop new, innovative products.

A total of 400 employees in Switzerland, Poland, Romania, and Italy produce monofilaments for various technical applications, such as screen printing, filtration, meshwork, conveyor belts, paper machine screens, as well as specialties. The multifilaments are used in aviation, the medical industry, and for technical sophisticated applications.

The products are predominately made out of PET or Polyamides. New applications require monofilaments with new, unique physical, chemical, and thermal properties. Therefore, Monosuisse combines its technological knowledge about spinning of special polymers, e.g. PVDF, PPS, PEN, and POM with its long lasting experience gained from the productions of fine and finest monofilaments.



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MICHAEL KLOETZLI
PROCESS ENGINEER

monosuisse

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This is achieved amongst other with the viscoSTAR solid state condensation plant from Starlinger viscotec, in which the purchased Polyester pellets are post-condensed to the required viscosity.



Sophisticated multifilaments for the medical industry



Monofilament braids main applications are for braided sheath or cables.