<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SwicoSilver</td>
<td>Apocynum</td>
</tr>
<tr>
<td>Banea</td>
<td>Belltron</td>
</tr>
<tr>
<td>Bosilim</td>
<td>Cashmere</td>
</tr>
<tr>
<td>Cladacio</td>
<td>Claron</td>
</tr>
<tr>
<td>ECTFE</td>
<td>EVCOH</td>
</tr>
<tr>
<td>Flocked Yarn</td>
<td>Grilon</td>
</tr>
<tr>
<td>Hemp</td>
<td>HPPE</td>
</tr>
<tr>
<td>Liquid Crystal Polymer LCP</td>
<td>Meta Aramide m-AR</td>
</tr>
<tr>
<td>Nettle</td>
<td>Para Aramide p-AR</td>
</tr>
<tr>
<td>PCT</td>
<td>PEEK</td>
</tr>
<tr>
<td>Polylactic PLA</td>
<td>Polymide-imide PMI</td>
</tr>
<tr>
<td>Polyamide 6 PA6</td>
<td>Polyamide 6.6 PA66</td>
</tr>
<tr>
<td>Polyamide 6.10 PA610</td>
<td>Polyamide 6.12 PA612</td>
</tr>
<tr>
<td>Polyester PET</td>
<td>Polyester PET (recycled)</td>
</tr>
<tr>
<td>Polyethylene Furanoate PEF</td>
<td>Polyethylene Naphthalate PEN</td>
</tr>
<tr>
<td>Polysulphone</td>
<td>Polycarbonate PMMA</td>
</tr>
<tr>
<td>Polyurethane</td>
<td>PTFE</td>
</tr>
<tr>
<td>Polyvinyl Alcohol PVAl</td>
<td>Polymethyl Chloride CHP</td>
</tr>
</tbody>
</table>
Swicofil AG is the reliable Swiss company in the heart of Europe – with **PASSION FOR SUCCESS**

The entire team loves to be YOUR product development advisor, R&D coach and supporter for high-tech solutions in all yarn and fiber specialities and raw materials. Our aim is to serve YOU WELL - to provide a professional, uncomplicated, reliable and fast service. Please find our details here below:

Swicofil AG  
Postfach 1926  
Gerliswilstrasse 23  
CH- 6021 Emmenbrücke  
Switzerland

Tel:    +41 41 267 34 64  
Email:  team1@swicofil.com  
Web:    www.swicofil.com

Contacts:    Beda Ricklin  
             Ester Garcia  
             Sandra Tizianel Bucher  
             Adriana Ricklin

SWICOFIL is working with reliable high quality world suppliers. You have one partner only for all your yarn and fiber needs and you can expect complete information straight from the beginning. Our goal is to become your supplier for the yarn and fiber speciality you need. SWICOFIL has a mid/long-term vision and aims to stay your supplier during the lifecycle of this product.

Together with our supplier partners we have developed a strategy to concentrate on high quality products and specialities for niche markets. Emphasis is laid on products where functionality is important. With these specialities our customers are able to meet highest quality and service demands and this enables them to stay ahead in the market place.

For cheapest pricing and mass products we are not the right address. Consequently, our philosophy is high quality specialities and excellent service over quantities. If a customer is looking for solutions and special products Swicofil is the right partner to solve/find them. In todays difficult times we are very positive that this philosophy is matching with our customers efforts to develop new products for new applications.
## SWICOFIL SPECIALITIES INTRODUCTION

Below a short overview of the products which we handle and indicating which products we consider as specialities.

### POLYAMIDE TEXTILE

- **PA 6 and 6.6 flat from dtex 8 - 460**
  - **Specialities**
    - Fine monofilaments, micro yarns, spundyed, coarse dpf yarns, thick and thin, bright trilobal and full dull yarns, twisted yarns

- **PA 6 and 6.6 POY from dtex 11 - 158**
  - **Specialities**
    - Micro yarns, spundyed

- **PA 6 and 6.6 textured HE and Set from dtex 8 - 235**
  - **Specialities**
    - Micro yarns, spundyed, bright trilobal and full dull yarns, twisted yarns, PIN textured, airtextured

### POLYESTER TEXTILE

- **PET flat from dtex 8 - 550**
  - **Specialities**
    - Fine monofilaments, micro yarns, spundyed, coarse dpf yarns, conductive yarns, superbright, flame retardant, anti-bacteria, cationic, low or high shrinkage, high tenacity, thick and thin, bright trilobal and full dull yarns, twisted yarns

- **PET POY from dtex 33 - 390**
  - **Specialities**
    - Micro yarns, DECORA spundyed, coarse dpf yarns, super bright, flame retardant, anti-bacteria, PBT yarns, PTT yarns, cationic, POY for drawwarping, bright trilobal and full dull

- **PET textured friction and PIN textured from dtex 33 - 660**
  - **Specialities**
    - Pontella spun like, mixed (chiné) yarns, cationic, PTT yarns, PBT yarns, twisted yarns, super intermingled yarns, anti-bacteria, odour eating yarns, PIN, textured qualities, spundyed, up to 8-ply, textured yarns, bright trilobal, micro filament qualities
### MONOFILAMENT

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA 6 industrial monofilaments</td>
<td>from 0.044 - 4.000 mm</td>
</tr>
<tr>
<td>PA 6.6 industrial monofilament</td>
<td>from 0.030 - 4.000 mm</td>
</tr>
<tr>
<td>PET industrial monofilaments</td>
<td>from 0.020 - 1.000 mm</td>
</tr>
<tr>
<td>PP industrial monofilaments</td>
<td>from 0.060 - 1.000 mm</td>
</tr>
<tr>
<td>HDPE monofilaments</td>
<td>from 0.160 - 0.500 mm</td>
</tr>
<tr>
<td>Fishing line monofilament</td>
<td>from 0.08 - 2.00 mm</td>
</tr>
<tr>
<td>Sewing monofilaments</td>
<td>from dtex 55 - 800</td>
</tr>
<tr>
<td>PPS monofilament</td>
<td>from 0.20 - 1.00 mm</td>
</tr>
<tr>
<td>PVDF monofilament</td>
<td>from 0.15 - 0.50 mm</td>
</tr>
<tr>
<td>PMMA plastic optic monofilaments</td>
<td></td>
</tr>
<tr>
<td>PFA monofilaments</td>
<td></td>
</tr>
<tr>
<td>Vectran split monofilaments</td>
<td></td>
</tr>
</tbody>
</table>

### AIRTEXTURED & KdK

- Airtextured yarns in PA 6.6 from dtex 95 - 360;
- Airtextured yarns in PET from dtex 95 - 1100;
- Airtextured yarns in PP from dtex 440 - 3300

### SPECIALITIES

- Arms for automotive end uses (except tires), custom spundyed yarns, yarns on dye tubes, taslanized high tenacity yarns in raw-white and spundyed

### IN RAWWHITE AND SPUNDYED:

- PA 6 industrial monofilaments from 0.044 - 4.000 mm
- PA 6.6 industrial monofilament from 0.030 - 4.000 mm
- PET industrial monofilaments from 0.020 - 1.000 mm
- PP industrial monofilaments from 0.060 - 1.000 mm
- HDPE monofilaments from 0.160 - 0.500 mm
  - Also available in rectangular and star shape cross-section
- Fishing line monofilament from 0.08 - 2.00 mm
- Sewing monofilaments from dtex 55 - 800

### IN RAWWHITE:

- PPS monofilament from 0.20 - 1.00 mm
- PVDF monofilament from 0.15 - 0.50 mm
- PMMA plastic optic monofilaments
- PFA monofilaments
- Vectran split monofilaments

### TOW

- PA 6.6, PA 6, PA 12 tow for cutting for flock or for spinning in raw-white or spundyed
- PET tow for cutting flock or for spinning in rawwhite or spundyed
- Other tows in PP, PBT, CLF etc. for different applications
### Polyamide family
- PA 6 from dtex 940 - 1880 in rawwhite + spundyed
- PA 6.6
- PA 4.6
- PA 6.10
- PA 6.12
- PA 11
- PA 12

### Polyester family
- Polyester PET
- Polyethylene Naphtalate PEN

### Other polymers
- Polyphenylsulfide PPS
- Polyvinylidene Chloride PVDC
- Aramide (meta & para)
- UHMWPE
- High Modulus Polypropylene HMPP

### Metal Yarns
#### Monofilaments
- Stainless steel yarn and monofilaments
- Pure silver monofilaments
- Copper monofilament yarn - also silver coated / lacquered
- Brass monofilament yarn
- Pure monofilaments in other metals

#### Multifilaments
- Plasma metal coated yarns
- Chemo galvanic coated yarns

### Flock
- Polyamide cutflock from dtex 0.9 - 50.0 in rawwhite, spundyed and flock dyed
- PET cutflock from dtex 1.7 - 3.3 in rawwhite and spundyed
- Viscose cutflock
- Ground flock
<table>
<thead>
<tr>
<th>FIBERS FOR SPINNING &amp; NON WOVEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>fibers &amp; tops:</td>
</tr>
<tr>
<td>• PA 6 and 6.6</td>
</tr>
<tr>
<td>• Polyester PET</td>
</tr>
<tr>
<td>• Polytrimethylene Terephtalate PTT</td>
</tr>
<tr>
<td>• Polybutylene Terephtalate PBT</td>
</tr>
<tr>
<td>• Polypropylene PP</td>
</tr>
<tr>
<td>• High Density Polyethylene HDPE</td>
</tr>
<tr>
<td>• cotton (no commodities)</td>
</tr>
<tr>
<td>• wool</td>
</tr>
<tr>
<td>• bamboo</td>
</tr>
<tr>
<td>• soybean</td>
</tr>
<tr>
<td>• milk / casein</td>
</tr>
<tr>
<td>• viscose</td>
</tr>
<tr>
<td>fibers:</td>
</tr>
<tr>
<td>• Polyphenylene Sulfide PPS</td>
</tr>
<tr>
<td>• banana</td>
</tr>
<tr>
<td>• pineapple</td>
</tr>
<tr>
<td>• Litrax TWO high temperature pyrolized thermal bamboo fibers and yarns</td>
</tr>
<tr>
<td>FILLER FIBERS</td>
</tr>
<tr>
<td>for applications such as paper, concrete and plastics</td>
</tr>
<tr>
<td>• Polypropylene</td>
</tr>
<tr>
<td>• cotton</td>
</tr>
<tr>
<td>• viscose</td>
</tr>
<tr>
<td>CONSUMER PRODUCTS</td>
</tr>
<tr>
<td>• SwicoWish micro fiber cleaning towels knitted pile- no smell due to antibacterial properties</td>
</tr>
<tr>
<td>• bluemagicball laundry desinfector</td>
</tr>
<tr>
<td>• SwicoSocks business socks- no smell</td>
</tr>
<tr>
<td>• Sansita neurodermatic underwear and sleepwear</td>
</tr>
</tbody>
</table>
slit Aluminium metallized Polyester film

- M type
- MH type
- MX type
- MHS type
- ST type

- flocked yarns „RALLYTEX“
- harness cord for lacquard looms from 0.6 - 1.8 mm
- Polypropylene multifilament yarns in flat, textured, airtextured, high tenacity and spun yarn
- HDPE multifilament yarns in flat for melting
- Acrylic spun yarns in Nm 20 - 70
- Shantung yarns
- PVAL filament and spun yarn
- Apocynum spun yarn
- PVAL filament and spun yarns
- Apocynum spun yarns
- chemo galvanic silver coated PA yarns, monofilaments and fibers as well as fabrics
- paper yarns
- CellSolution functional fibers (bioactive, clima, energy, …)
- Negative ion emitting yarns and fibers
- smartcel functional fibers (sensitive)
- Crabyon fibers and spun yarns (containing chitosan)
- Chitosan / chitin fibers
- Natural and artificial raffia yarns
- Natural fiber spun yarns (hemp, ramie, kapok, flax, jute)
- Silk spun and filament yarns
- Chenille yarns
- Grilon bonding and separation yarns
- Litrax TWO thermal bamboo filament and spun yarns
- Bamboo (regenerated – both CV + CLY) spun yarns
- Hemp (regenerated CV) spun yarns
- Viscose filament and spun yarns
- Polynosic spun yarns
- Polyester spun yarns
- Plasma metal coated yarns (Au, Ag, In, Al, Ms, Cu, Ti) substrate filament yarn to be selected
HIGH TECH PRODUCTS

- Blended filament yarns with silver coated copper / carbon
- Smartcel & CellSolution functional fibers, yarns, filaments
- Vectran liquid crystal polymer yarns
- UHMWPE filament yarns from dtex 11 – 5500
- SwissShield fabrics for shielding
- Phenol-aldehyde Novoloïd
- Ceramic fibers
- Silver coated nylon yarns (chemo-galvanical)
- Carbon filament yarns (PAN and rayon based)
- PVAL filament yarns + staple fiber
- Para- and Meta-Aramid yarns (spuns & filaments)
- Epitropic fibers
- PU or PVC coated yarns
- SAF super absorbent fibers

or for the full experience of Swicofil’s product programme, visit:

www.swicofil.com/commerce/products

Swicofil is interested to add any product not listed above and to try to assist our customers in sourcing the product and finding solutions.

Welcome to the Swicofil world of solutions and specialities!

your Swicofil team

We have developed a checklist to assist you in gathering the necessary information when you have an inquiry. Please do not hesitate to use the list on the next page for your inquiries.
### 1. Which product?

<table>
<thead>
<tr>
<th>Descriptor</th>
<th>Please fill in</th>
<th>your choices</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material</strong></td>
<td>P.A. or PA</td>
<td>PET</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>textile, flax</td>
<td>h. tenacity</td>
</tr>
<tr>
<td></td>
<td>flat</td>
<td>P.A. quote</td>
</tr>
<tr>
<td></td>
<td>POY</td>
<td>tenacity</td>
</tr>
<tr>
<td></td>
<td>text. Set</td>
<td>shinny</td>
</tr>
<tr>
<td></td>
<td>Stretch</td>
<td>alongst.</td>
</tr>
<tr>
<td></td>
<td>K/Se</td>
<td></td>
</tr>
<tr>
<td></td>
<td>asked</td>
<td></td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>semidull</td>
<td>bright</td>
</tr>
<tr>
<td><strong>Cross-section</strong></td>
<td>round</td>
<td>tubular</td>
</tr>
<tr>
<td><strong>Count details</strong></td>
<td>P.A. quote:</td>
<td>Tex, filaments, ply, twist direction and no. of turns/m, cutlength</td>
</tr>
<tr>
<td><strong>Colours</strong></td>
<td>P.A. quote:</td>
<td>red/white</td>
</tr>
<tr>
<td><strong>Req. put up</strong></td>
<td>P.A. quote:</td>
<td>cylinders</td>
</tr>
</tbody>
</table>

### 2. Quantity information

- **Trial quantity**: P.A. quote quantity for first trial order (and no. of bobbins needed) + desired del date
- **1st com. delivery**: P.A. quote quantity of first intended order if trial is ok
- **Potential/year**: P.A. quote what the potential is which you are looking at

### 3. Usage of the yarn

**End use system:**
- | hosiery | knitted | weaving |
- | plain | pin | warp |
- | plaiting | motion | - sized |
- | laid in | air | - applied |
- | KGc | |
- | |
- | flax |
- | |

**Feeding**
- | fabric |
- | automat |
- |
- |
- | yarn |
- | |
- | P.A. quote |
- | |
- | which electr. system AC or DC |

**Spinning**
- | cotton |
- | - ring |
- | - O End |
- | - njet |
- | wool |
- | - worsted |
- | - carded |
- | linen |
- | non-woven |
- | non-woven |
- | needle |
- | wadding |
- | blowing |
- | water |
- | bonding |

**Name of first machine**
- P.A. quote: Prodmar | model | speed | gauge | width |

**Final application**
- What is the product finally used as? Please be very specific.

### 4. Economic background details

- | Competitor |
- | Who assess your supplier so far? |
- | Comp. price |
- | P.A. quote: price | incoterms | payment |

Swicofil will not be able to offer to inquiries where information marked with \( \times \) is not provided!
CONTACT US

Contact Swicofil, your expert in yarn and fiber specialities by web, mail or phone:

Web:  www.swicofil.com
Mail:  swicofil@swicofil.com
Tel:   +41 41 267 34 64