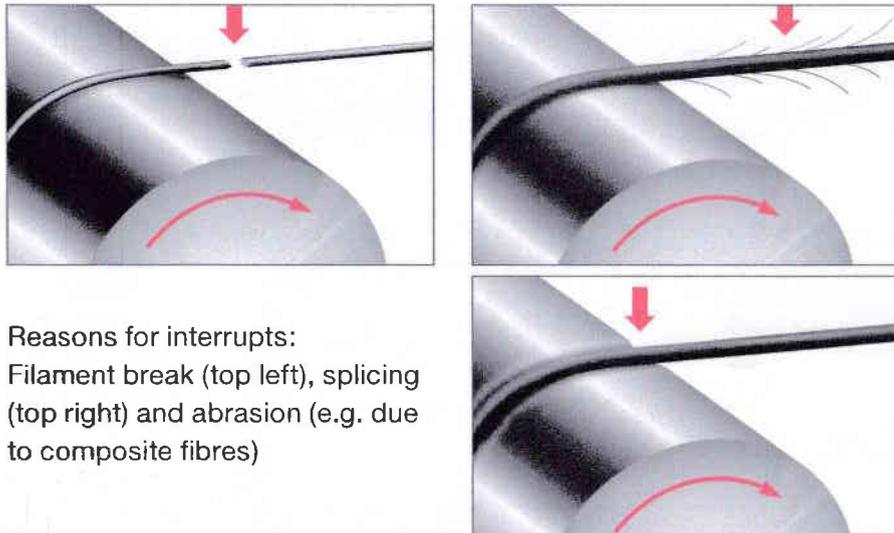


Textile and carbon industry

Preventing interrupts of production

The automated process of spinning mills, weaving mills and braiding companies have one requirement in common: If yarns or technical fibres break, tear, stick together or splice during processing this means an interrupt of operation. Very often the reason is an unsuitable filament guiding part.



Reasons for interrupts:
Filament break (top left), splicing (top right) and abrasion (e.g. due to composite fibres)

Coating of filament guiding parts

For these industrial processes an absolutely homogeneous «soft» surface is of great importance. TOPOCROM® coated eyes, bobbins, rollers and deflection rolls use the effect of air cushions that are created on the surface. Topocrom GmbH offers also the complete delivery of parts (production of turned parts and TOPOCROM® coating).

When processing carbon or other composite fibres the following surface characteristics are most important:

- Reduced friction (dust formation) due to less filament splicing
- High resistance to abrasion
- Good wettability (finish)



Increase industrial productivity by TOPOCROM® surface coating

topocrom carbonprocessing

carbonprocessing

Surface for process stability in guiding filaments

Industries

- Carbon industry
- Textile machinery
- Manufacturing of non-wovens
- Manufacturing of foils
- Chemical fibres

Work pieces

- Eyelets
- Bobbins
- Funnels
- Deflection elements
- Bracing elements
- Guiding elements
- Rolls
- Scoop rolls

topocrom easyject

easyject

Surface for excellent ejection

Industries

- Plastic injection tools
- Extrusion tools

Work pieces

- Cores
- Ejectors
- Moulds
- Two-component tools
- Mandrels
- Extrusion dies
- Screws
- Forming tools
- Smoothing rolls
- Calender rolls

topocrom rollstructuring

rollstructuring

Surface for selective abilities on rolls

Industries

- Printing machines
- Machines for sheet metal forming

Work pieces

- Feed rolls
- Straightening rolls
- Wheels
- Skin pass rolls
- Distributing rollers
- Printing rolls
- Deflection rolls
- Laminating rolls
- Embossing rolls

topocrom highresistance

highresistance

Surface for highest strains and avoiding abrasion

Industries

- Concrete pumps
- Waste disposal
- Steel works
- Hydraulic industry

Work pieces

- Casting moulds
- Transport pipes for concrete and high consistencies
- Hydraulic cylinders
- Pull rods
- Hydraulic pipes
- Forming tools
- Pipes for waste disposal