CLOTHING TEXTILES

TEXTILES, GARMENTS, TRIMMINGS & ACCESSORIES
CLOTHING TEXTILES
Clothing textiles are woven, knitted, non-woven, finished and functionalised fabrics, made from natural, man-made and/or (biobased) synthetic fibres.

GARMENTS & ACCESSORIES
Casual wear, sportswear, nightwear, workwear, ... and accessories: scarfs, belts, shoes, ...

TRIMMINGS
All parts used to manufacture clothes and accessories: buttons, stitch yarn, ...

SERVICES

- TRAINING - Centexbel informs the industry on new technologies, products, raw materials through information and training sessions, often in collaboration with colleague organisations (fashion, protective clothing, sports, etc.). Our experts also organise exclusive and tailor-made training sessions for your employees and/or suppliers.

- STANDARDS - Because of the importance of standardisation to the clothing textile industry, Centexbel has initiated in collaboration with the Belgian federal public service - FPS economy, a special standard antenna for clothing textiles to raise the awareness about international standards and to invite the industry to actively participate in the development of new or in the revision of existing standards.

- PATENTS - News flashes on developments and patents might trigger new ideas within your company. Therefore Centexbel has created a patent cell (in collaboration with the FPS economy) to inform the industry about the usefulness of patents for sme’s.

CONSULTANCY

- Quality and durability
- Client specifications & Standardisation
- Inspection and problem solving
- REACH compliancy and legislation
- Allergenics
- Sustainable production processes
- New textile materials
- Mass customisation
- Translating ideas and innovations from research and from totally other disciplines into clothing textiles

TESTING
In addition to the standard tests on clothing textiles, such as colour fastness (to light, water, saliva, transpiration, dry cleaning...), seam strength, pilling, and so many other tests, Centexbel is a world leader in

- the chemical screening and analysis of toxic or harmful substances to ascertain REACH compliancy of textile products and clothing accessories.
- the assessment of protective clothing against the penetration of biological and chemical fluids (e.g. ISO 16604)
- fault analyses by means of microscopy
**SUSTAINABLE TEXTILE PRODUCTION (STeP) BY OEKO-TEX®**

Sustainable Textile Production (STeP) is a certification system for brands, retail companies and manufacturers from the textile chain who want to communicate their achievements regarding sustainable production to the public in a transparent, credible and clear manner. Certification is possible for production facilities of all processing stages from fibre production, spinning mills, weaving mills, knitting mills to finishing facilities and manufacturers of ready-made textile items.

Centexbel is one of the first accredited laboratories of the Oeko-Tex® Association. Oeko-Tex® is internationally acclaimed as one of the major and most reliable labels to distinguish textiles without harmful substances. Due to the increasing globalisation and intricate product value chains, the Oeko-Tex® Association certifies textile companies on a worldwide scale.

**RESEARCH & PRODUCT DEVELOPMENT**

Centexbel performs research activities in three technology fields, each focusing on different ways and approaches to develop performant, standard compliant and novel highly technological textile products.

- Textile Functionalisation & Surface Modification
- Functional Thermoplastic Textiles
- Health, Safety & Security

Centexbel disposes of several semi-industrial pilot lines for product development and prototyping of new textile and plastic materials and products:

- Knitting & braiding
- Smart textiles & textronics
- Thermoplastic extrusion
- Coating & finishing

Sustainability includes slow fashion, biobased products, shipping, labour rights, durability, second-hand garments, recycling, and reckons with the impact of production and consumption on human beings, animals and the eco-system.
Centexbel is a non-profit organisation supporting textile manufacturers in the development and introduction of novel materials, innovative products and technological processes.