

TCBL Associate  
Business Labs



**AITEX** – Textile Research  
Institute

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# Who we are



- AITEX is a private, non-profit association founded in 1985 by textile entrepreneurs and the government of the Valencia Region.
- Currently, it is the national reference center for research, innovation and advanced technical services for companies in the textile sector.



Physical and Chemical Testing



Sport surfaces and Geotextiles



Comfort and sport



Industrial waste water



Health and Hygiene products



Ballistics and Knife Protection



Automotive, Aeronautics-Aerospace,  
Nautical and Public transport



Fire protection



Harmful Substances and OEKO-TEX®



Personal Protection Equipment



Microbiology



Several research  
groups



# What we do

- Objectives: Generate technological know-how and transfer it to the textile companies.
- Several laboratory and technical units for different textile applications
- Projects: Aitex participates in national and European research projects.

# Why

- Improvement of production processes. Increase the quality and sustainability
- Develop new products
- Testing and certification services







# TCBL Connection

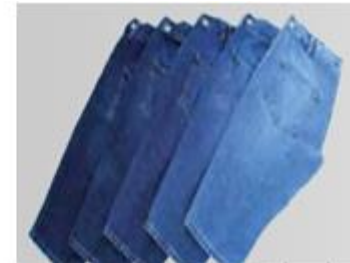
- Collaborations with Consorzio ARCA, Hellenic Clothing Industry Association and Municipality of Prato
- Also available to start collaborating with other members of TCBL in order to explore:
  - new technical solutions,
  - new production models,
  - new materials etc...



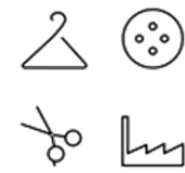
# New technologies in finishing treatments of clothes

Laboratory with Laser, Ozone and micro-spraying machines

- Draw design and image with laser technology
- Degradation with Ozone gas
- Dyeing and finishing treatments applied with micro spraying treatments with the aim to reduce the use of chemical products and water







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# THANK YOU!

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