



ASINTEC is a technological center with extensive experience in the Textile and Clothing sector (T/C), whose main objectives are to support and promote the processes of innovation and technological development not only for these industries, but also in other industrial sectors which use textile materials/ items.

#### Our main objectives:

- Develop new skills and innovations in R&D and make them available to companies.
- Manage the knowledge related to technologies applicable to the sectors within which we work.
- Foster innovation as a key element of competitiveness.

#### Technological capabilities:

- Quality textile Lab accredited by ENAC. 53 tests, which allows us to check the behaviour of textiles.
- Laboratory for textile prototypes that integrate electronic components.
- Process engineering task Force. Equipped with simulation tools and process control, as well as software methods and timing control.
- Working Group on Computer-Aided Design, equipped with advanced tools, to develop the models and prototypes generated in the laboratories.
- Working Group on R&D -Businesses: PhDs in various disciplines that support entrepreneurs in the innovation process.
- Work Group in certification and audit: professionals specialized in implementing quality and environmental management systems.
- Working group in organizational management systems: Engineers from various disciplines, expert in new management methodologies e.g., 6 Sigma, Value Stream, etc.

#### AREAS OF EXPERTISE

##### Micro-encapsulation:

PCMs in clothing, automotive, construction, refrigeration sector, etc.

##### Medical Textiles:

Tissue Barriers and clean-rooms, electro-stimulated garments, micro sensors for hospital garments, smart dressings etc.

##### Electronic garments:

Tracking devices in clothing, leisure and sport.

##### Textiles for filtration:

Ventilation systems, food industry, waste-water, etc.

##### Applying textiles for insulation and buoyancy:

LIGHTEX®

## Accreditations, certifications and recognitions:

- Active member of the T/C Industrial Observatory, and member of the Spanish and European Textile Technological Platform.
- Member of the Spanish Technological Platform on Industrial Safety.
- AEQCT patron company. Active partner for: FEDIT, FEDECON, FEDICAM.
- AENOR certified for quality and environment management systems since 2003. Laboratory accredited by ENAC since 2002.

## HOW TO GET THERE

ASINTEC- Technological Centre is located in 25 Luis Braille, 45600 Talavera de la Reina (Toledo), with a privileged location in the middle of the Iberian Peninsula to have a good connection with the rest of Spain and Portugal.

The A-5 motorway crosses the province of Toledo from East to West, linking Spain with Portugal. In this way, all the connections between Asintec and the rest of Spain are easier to be Madrid the nerve centre for the Spanish motorways.

The international airport of Madrid-Barajas is located 140 Km far away from Asintec has a daily scheduled flights to and from other Spanish regions and the most important international locations.



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