

inTEXive®

Innovative Textiles and Composites



Nonwovens



Advanced Fiber
Composites



Technical Textiles



About Us

inTEXive is a leading provider of innovative textiles and composites solutions. inTEXive operates through a multidisciplinary international consulting force, experts in the areas of Technical Textiles, Advanced Fiber Composites, and Nonwovens. Our internal and external consultants represent the entire spectrum of the textiles and composites field, as they come from academia, research institutes and the industry.

inTEXive provide tailored and custom solutions to fit your institutional needs.

We are committed to providing our customers with world-class services in the following areas:

Professional educational programs

Technical hands-on training programs

Research and development projects

New product development projects

Technical consulting contracts



Training Programs

inTEXive training programs are designed to provide our customers with technical training in the areas of technical textiles, nonwovens, and advanced fiber reinforced composites. inTEXive provides top-notch training in partnership with leading institutions such as the American University in Cairo. We have a list of standard training programs running year-round in addition to providing customized onsite training to fulfill your company's training needs.

Our focus during the training is to provide your personnel with the most up to date technical background to help them perform their duties without relying on second-hand information. Our training programs are very practical and to-the-point, and our trainees can immediately put the knowledge which they've acquired during the training into practice!

We currently offer over 8 different courses covering the entire value chain of the textile, nonwoven and composite industry.

Our Off-The-Shelf Training Programs:

Manufacturing of Advanced Fiber Composites.

Analysis of Composite Laminates.

Mechanical Testing of Fiber Reinforced Composites.

Resin Infusion Technologies.

Testing of Technical Textiles and Nonwovens.

Woven Fabric Design.

Manufacturing of Nonwovens.

Filament Yarn Processing.



Professional Education

inTEXive offers professional educational programs to industry professional who don't have a formal academic background in the areas of technical textiles, nonwovens and advanced fiber composites. Our short courses cover the fundamentals and essential backgrounds related to textiles and composites, including materials, processing, mechanics and testing.

inTEXive provides a list of standard short courses running year-round, in addition to, customized courses to match your company needs. Whether you are an individual or a company, our experienced instructors will provide you with a strong foundation to help you develop a technical understanding of the entire textiles and composites value chain and acquire a solid knowledge of technical terminologies. Participants will be able to network with industry professionals and receive a certificate at the end of the course.

All our courses are supplemented by high quality PowerPoint slides, videos, animations, samples and swatches.

Following is a List of Our Short Courses:

Textile Fundamentals

Essentials of Fiber Reinforced Composites

Introduction to Technical Textiles

Nonwovens: Materials, Applications and Processing

Management of New Product Development



Research and Development

inTEXive can help you with your next R&D project, we operate through a multidisciplinary global network of scientists and researchers. We are committed to advancing the fields of technical textiles, nonwovens, and advanced fiber composites through discovery and creative innovation.

Our internal research team has access to research facilities at Alexandria University, the German University in Cairo as well as the National Research Center. We are capable of developing a robust research program that is technically and economically feasible. Our R&D services include, design of experiment, fabrication, testing, and analysis. We can also collaborate on submitting a high-quality research proposal in partnership with principal investigators.

We provide a wide range of research support in the following areas:

Natural Fibers

High Performance Fibers

Fiber Spinning

Fiber Extrusion and Yarn Texturing

Smart Textiles and Composites

Weaving of Industrial Fabrics

Needle Punched Nonwoven

Spunbond Nonwoven

Meltblown Nonwoven

Natural Fiber Composites

3D Woven Composites

Materials Characterization

Electrospinning of Nanofibers

Medical Textiles



Product Development

inTEXive has acquired experience in developing new products in various fields. As technical textiles and composites are relatively new materials, inTEXive's goal is to support the development of such industries in the MENA region. Our expert product development team can help in the design and development of new products which utilize these advanced materials. We can assist your product development activities at any stage from conception to commercialization.

Our partner institutions are equipped with state-of-the-art prototyping and testing equipment for technical textiles, nonwovens, and fiber composites. Moreover, our team of engineers are well versed in process development, pilot production, and scaling-up the production process.

Our Product Development Services Include:

3D CAD Modeling and Product Design

Prototype Development

Product Evaluation

Process Development and Evaluation

Pilot Production



Technical Consulting

inTEXive offers a personalized consulting service to provide technical solutions to your new or existing projects in technical textiles, nonwovens, or advanced composites. We are committed to providing our customers with a world-class consulting service on both the engineering and technical levels. inTEXive has a wide network of resources, including, research labs, material suppliers, OEMs, and consultants worldwide.

Our technical assistance can often help you save time and money and identify opportunities for new products development as well as adding value to existing products.

We Provide the Following Technical Consulting Services:

Engineering and design reviews

Development of new materials and processes

Selection of plant and machinery

Selection and recruitment of technical staff

Installation & erection of plant and machinery

Trial production runs and full-scale production

New product development

Technical studies

Quality assurance and other qualification programs.

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