

*Name* **RWTH Aachen University**  
**Institut für Textiltechnik (ITA)**

*Address* Otto-Blumenthal-Str. 1  
*Postal Code / City* 52074 Aachen · Germany  
*Contact Person* Prof. Thomas Gries /  
Prof. Stefan Jockenhövel  
*Phone* +49 241 80 234 02  
*E-Mail* ita@ita.rwth-aachen.de  
*Website* www.ita.rwth-aachen.de  
*Employees* 350  
*Founded (year)* 1934

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We develop new materials, new processes, textile machines and components for the production of innovative textiles and medical devices to meet the future challenges in health care. We cover the entire process chain at our institute and our partners - especially with the unique transfaculty professorship "Tissue Engineering and Textile Implants" of Univ.-Prof. Dr. Stefan Jockenhövel: from polymer development to textile implants and beyond that towards (pre-) clinical evaluation of textile-based medical products. Typical applications are textile vascular grafts, stents, heart valves, textile scaffolds for tissue replacement / tissue support and wound dressings as well as medical smart textiles, e.g. textile sensors and electrodes.

ITA provides research and development services, advanced training and creative workshops in cooperation with its partner company 3T TextilTechnologieTransfer GmbH.