

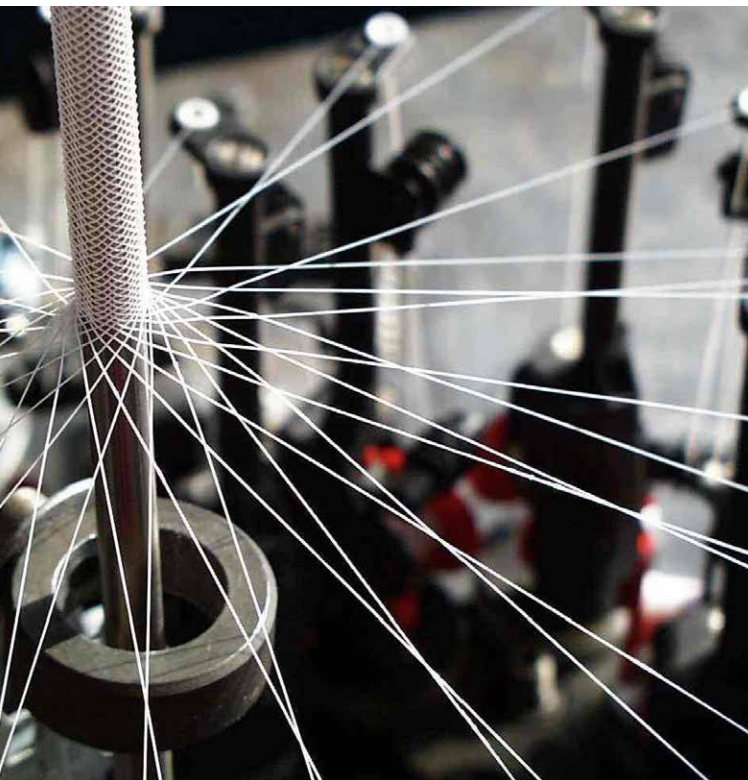
## Technologies

- Polymerization of absorbable polymers in small and large scale reactors
- Mono- and bicomponent extrusion into mono- and multi-filament fibers
- Injection molding
- Sheet and membrane manufacture
- Coating technologies
- Nonwoven manufacture (spun-fiber, melt-blown, electro- and centrifuge spinning)
- Textile technologies: Weaving, braiding, knitting and warp-knitting

## How to reach us



Experts in fiber based research and medical devices



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Services Products Technologies

ITVP Denkendorf Produktservice GmbH

ITV Denkendorf Produktservice GmbH (ITVP) is founded in 2001 as a 100% subsidiary of DITF (German Institutes of Textile and Fiber Research Denkendorf). The main focus lies on application-oriented development and production of textile-based implants like e.g. sutures and meshes. ITVP is a reliable partner and supplier for industrial companies. ITVP is certified according ISO 13485 for the development and production of polymers, pre-products and devices for medical applications, but is not actively marketing medical devices for the final consumer.

Besides industrial contract research, ITVP conducts public founded projects with various topics including nerve regeneration, wound closure systems, textile implants for stent grafts and for inter-vertebral disc injuries.

### Key facts

- Founded in 2001 as a 100% subsidiary of the German Institutes for Textile and Fiber Research Denkendorf (DITF)
- 60 Employees
- 2200m<sup>2</sup> facility area with 1600m<sup>2</sup> of clean rooms ISO 8
- QM systems according DIN EN ISO 13485 and DIN EN ISO 17025 (DAKKS)

### Services

- OEM manufacture of raw materials and medical devices
- Contract research and development of medical devices
- Accredited chemical, textile and biological tests
- Skin tolerance test of textiles (FKT)
- Consulting concerning QM and certification

- Absorbable Monomers (e.g. glycolide (G))
- Standard and customer tailored absorbable polymers based on glycolide, L- and DL-lactide (LL and DLL), trimethylene carbonate (TMC) and ε-caprolactone (CL)
  - Homopolymers
  - Random copolymers
  - Block-copolymers
- Medical grade yarns and braids:
  - Non-absorbable PET-yarns
  - PGA, PGLA and long-term PCL based absorbable yarns and braids for sutures and other medical applications
- Medical grade absorbable monofilaments
  - Glycolide and lactide based monofilaments with block-copolymer structure
  - PDO monofilaments (undyed with superior degradation profile)
- Knotless wound closure devices

