

LEONI si-tec

Silicone products for endoscopy

LEONI develops and produces your endoscopy cables and endoscopy assemblies – extremely thin, highly flexible, autoclavable and with a very long service life.



The LEONI si-tec technology was specially developed for applications requiring high resistance to mechanical stress and high flexibility as well as high thermal resistance – making them ideal for use in endoscopic applications.



Our solutions are tailored to your requirements

- Development and qualification of endoscopy cables and cable systems
- Endoscopic hybrid cables equipped with LEONI si-tec technology
- Endoscopic planar cables equipped with LEONI si-tec technology
- Integration of fibreoptic illumination bundles
- Extrusion of fibreoptic bundles with fluorothermoplasts
- Assembly of cable systems in clean rooms
- Glueing and polishing of fibreoptic bundles
- Development of connector solutions
- Potting and curing techniques
- Silicone moulding of connectors
- Branch connections and moulding of ferrules with silicone
- Image transmission via copper and fibreoptics
- Delivery of complete assemblies and solutions



LEONI