

Innovative  
Solutions.  
Extraordinary  
Results.

Saint-Gobain  
Life Sciences -Medical

## Engineered Polymer Extrusions for Medical Device Manufacturers

Saint-Gobain Medical offers extrusion for a wide array of highly engineered polymers and fluoropolymers. Our extraordinary range of extrusion capabilities allows us to convert virgin resin to completed components or assemblies that meet the strictest quality standards within the tightest tolerances. Saint-Gobain Medical also provides a broad range of secondary operations and assembly capabilities to offer you a turnkey solution for your critical supply chain.

### Applications

Utilizing our extensive materials expertise and a team-based approach, Saint-Gobain Medical will work with you to develop a medical device component offering the best polymer solution for your specific application. Our engineering and technical teams work directly with customers throughout the entire manufacturing process, from conception to full production.

- Material selection assistance and analysis
- Process engineering and optimization
- Solid modeling/finite element analysis

### Materials Available

- PFA
- PTFE
- FEP & EFEP
- PVDF
- PP
- PEI
- PEEK
- ETFE
- HDPE & LDPE
- PSU
- Other engineered polymers

### Typical Applications

- Endoscopy
- Cannulas
- Drug delivery
- Protective covers





# Engineered Polymer Extrusions

## Manufacturing Environment

Saint-Gobain strives to exceed customer expectations in product performance and quality. The manufacturing processes at Saint-Gobain meet the highest standards and follow the strictest quality measures:

- ISO 9001 Certified
- ISO 14001 Certified
- Statistical process control
- Complete lot traceability
- Six Sigma methodology
- ISO Class 7 clean room production
- In process state-of-the-art x-ray measurement

## Custom Extrusions

With operations spanning the globe, Saint-Gobain is strategically situated to support your needs for precision fluoropolymer or engineered plastic extrusions:

- Precision extrusions to 0.020" OD
- Tapered tubes
- Ring marking
- Multi-lumen PTFE tubing
- Heat shrink tubing
- Co-extrusions

## Your Success = Our Success

The success of our customers is at the heart of Saint-Gobain's business. We pride ourselves on our customer service throughout every stage of the development and manufacturing processes. Our skilled senior-level engineering team works directly with customers to understand the end use of each product. Using this knowledge, our team will aid in tool design, material formulation, selection, testing, process optimization and more.

From concept to design to validation, Saint-Gobain's vertically integrated facilities offer complete process control and minimize the number of suppliers you need. We sincerely believe in partnerships throughout the supply chain to ensure the mutual success of our companies.

Saint-Gobain's highly technical manufacturing capabilities enable us to offer specialized contract design and manufacturing services for production of your polymer and fluoropolymer medical device components.



### Saint-Gobain

210 Harmony Road  
Mickleton, NJ USA 08056  
Tel: (856) 423-6630  
Fax: (856) 423-8182

### Saint-Gobain

Ziegeleistrasse 2  
Neuss, 41469 Germany  
Tel: +49 (0) 2137-91789-11  
Fax: +49 (0) 2137-12667

To find out more about how Saint-Gobain Medical can meet your medical manufacturing needs, call (800) 236-7600 or at [medical.saint-gobain.com/contact-us](http://medical.saint-gobain.com/contact-us)

**Important:** "This Saint-Gobain product is a medical component intended for processing or use in the manufacture or assembly of medical devices before the finished medical device is packaged/labeled; it is intended to be included as part of the finished, packaged, and labeled device [21CFR820.3(c)]. Please refer to our Medical Products Disclaimer at [www.medical.saint-gobain.com/resources/regulatory-and-quality/medical-product-disclaimer](http://www.medical.saint-gobain.com/resources/regulatory-and-quality/medical-product-disclaimer).  
**Caution:** For manufacturing, processing or repacking."

**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

**WARRANTY:** For a period of 12 months from the date of first sale, Saint-Gobain warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.

SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.