



Innovative Solutions. Extraordinary Results.

Engineered Polymer Extrusions

Solutions for the Medical Device Market from Saint-Gobain

Saint-Gobain 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 also provides a broad range of secondary operations and assembly capabilities to offer you a turnkey solution for your critical supply chain.

Materials Expertise

Utilizing our extensive materials expertise and a team-based approach, Saint-Gobain 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

Typical Medical Applications

- Endoscopy
- Cannulas
- Drug delivery
- Protective covers



Materials Available

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



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

To find out more about how Saint-Gobain can meet your medical manufacturing needs, call (800) 236-7600 or email medical@saint-gobain.com.



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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics tubing for all intended uses. Laboratory and clinical tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of tubing in any particular application.

For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product to be free from 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. User assumes all other risk, if any, including the risk of injury, loss or damage, direct or consequential, arising out of the use, misuse, or inability to use, this product. THIS WARRANTY IS IN LIEU OF THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. No deviation is authorized.

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