



High Purity Specialty Packaging for Original Equipment Manufacturers

LabPure®

Saint-Gobain is a global leader in specialty closures, providing technical solutions for complex customer requirements. With our expertise in fluoropolymer films and elastomer materials, especially silicone, and our cutting-edge manufacturing processes, we offer top quality products with the highest purity and consistency in the specialty packaging industry.

Saint-Gobain is the only supplier of specialty closures in the world that is vertically integrated in the production of a large number of barrier films, such as PTFE, FEP, PFA and ETFE.

We use only the highest quality ultra-pure platinum-cured silicone in manufacturing LabPure® cap liners. Most of the liners we manufacture use cast PTFE film as a barrier film. Cast PTFE film has a more uniform surface and provides better protection for your valuable sample than skived PTFE film, which may allow for easier penetration of chemicals and gases.

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. **Caution:** For manufacturing, processing or repackaging”

LabPure® Products

- Specialty Closures
- Specialty Liners
 - Punched
 - Roll Stock
- Closures with Liners Assembled or Bonded

Typical Applications

- Medical Devices
- Diagnostics
- Bioprocessing
- Chromatography
- Chemical Packaging
- Environmental Testing

Manufacturing Excellence

- ISO 9001:2015 Certified
- Emphasis on World Class Manufacturing Practices
- 2 White Rooms for Regulated Industries



Product Offering

- Custom silicone compounding - a variety of silicone colors for liners available
- Silicone Extrusion
- Lamination -
 - Silicone/PTFE/PP (FEP or ETFE films also available)
 - PTFE/PE foam
 - PE foam/Zitex® (PTFE Porus Material)
- Disk die cutting
- Insert die cutting
- Insertion of liners in caps
- High-speed glue-fit lining - utilizes USP Class VI glue
- Bonding of liners with patented Microlink® technique for various cap sizes
 - One-piece construction
 - No glue contamination
 - Liners are autoclavable after bonding (at 121°C/250°F)
- Our high-speed machines have robotic vision system with 100% inspection
- All tools are manufactured at our on-site machine shop

We offer a wide range of caps, either lined or unlined, to fit any application.

Aluminum Crimp Tops

- Open and closed tops
- Different colors

Polypropylene (PP) Screw Caps

- Open and closed tops
- Chromotography Caps - Variety of colors

Polycarbonate Screw Caps

- Open and closed tops

Specialty Cap Liners

All raw cap liner material is tested before production for dimension and surface energy.

We offer a wide variety of liner formulations:

- PTFE/Silicone
- PTFE/Butyl Rubber
- PTFE/Polyethylene Foam
- PTFE/EPDM
- FEP/ Silicone
- PTFE/Silicone/PTFE
- PTFE/Silicone/PP
- PE Foam/Zitex® (PTFE Porous Material)
- Custom Solutions Also Available

Our precisely engineered liners have strict tolerances of $\pm 0.005''$ (0.127 mm). The thickness, durometer (hardness of the material) and the color of the liners can be customized depending on your application. The durometer is measured by using scale ASTM D2240 Type A (Shore A) and we offer a wide range of formulations with durometer range from 35A to 70A. For easier identification of your closure systems, we offer Cast PTFE film with the following colors and thickness:

- | | | | |
|----------|---------|--------|---------|
| • Yellow | 2 mil | • Blue | 4-5 mil |
| • White | 3-4 mil | • Red | 3-4 mil |



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Custom build cap molds available for larger quantities.
Call our Customer Service at +1 (800) 283- 5963

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Performance Plastics 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 Performance Plastics 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.

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