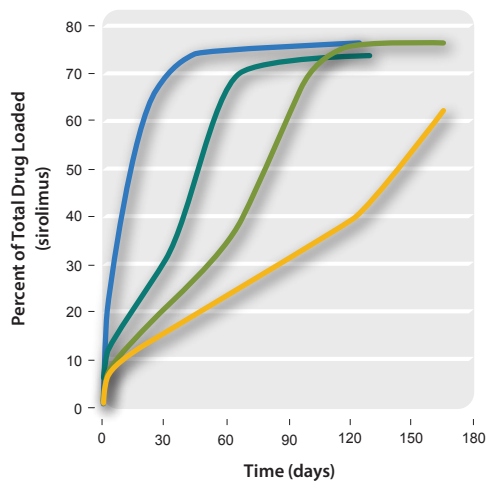


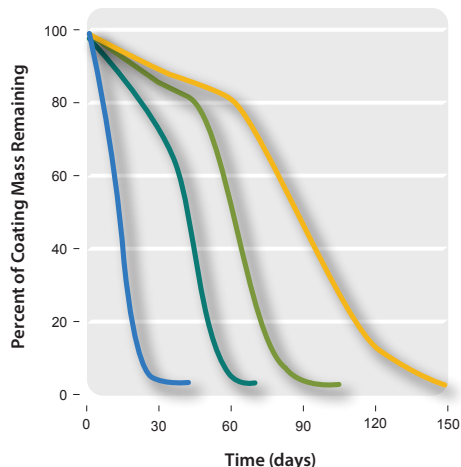
Degradable Drug Delivery Coatings

SurModics degradable drug delivery coating technology is designed for controlled release of small and medium-sized drugs and has proven performance in pre-clinical and clinical studies that demonstrate safety and vascular compatibility.

Tunable Drug-Elution Kinetics



Tunable Degradation Profile



Unique Architecture: SurModics degradable drug delivery system is developed with SynBiosys™ urethane-linked multi-block copolymer technology which incorporates a familiar lactide/glycolide/caprolactone PEG chemistry in a unique architecture.



Adjustable Release Characteristics: The architecture of SurModics drug delivery matrix leads to faster elution of hydrophobic drugs compared to PLG copolymers of comparable lactide/glycolide composition. The system is tailored to give release profiles from linear to burst.

Controllable Biodegradation: The architecture of SurModics drug delivery matrix imparts unique degradation rates compared to PLG copolymers of comparable lactide/glycolide composition. The degradation rate of the system is highly tunable from weeks to months.

Proven Performance: SurModics degradable drug delivery coatings have demonstrated performance in multiple pre-clinical and clinical studies. Under physiological conditions, polymers degrade via hydrolytic degradation. The resulting non-toxic by-products are metabolized and/or excreted through the normal physiological processes.

Compatible With a Variety of Drug Classes: SurModics has the expertise to formulate a drug delivery coating for your proprietary drug or other drug classes based on its physical and chemical properties—drug classes such as: anti-proliferative, anti-inflammatory and anti-microbial.

Unique Architecture With Novel Properties

When selecting a coating technology for your medical device, consider these key questions:

Do you need a coating matrix that has controlled degradation after the drug has been released?

Do you need a tunable elution rate and can your technology accommodate this need?

Can the coating process be automated with tight tolerances for higher yields?

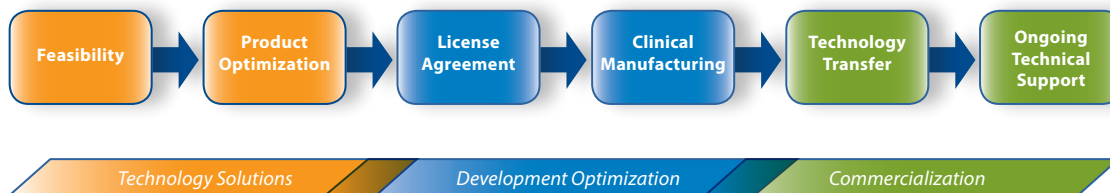
Has the coating matrix been used clinically?

After coating application, is the coating uniform?

Do you need multiple surface modification solutions (lubricious, hemocompatible, drug delivery)?



Collaborative Partnership Model



Working with SurModics

SurModics has a proven record of bringing products from concept to successful commercialization for large corporations and small emerging companies. Our customer partnership process is designed to identify an optimal technology solution and reduce time-to-market for your product. At SurModics, we regard customers as partners and strive to add to their success. For more information on how SurModics coating technologies can enhance your product, please contact us at 952-500-7000 or visit www.surmodics.com.

All properties listed are typical characteristics and are not specifications. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of SurModics, Inc.

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