

COMBINATION PRODUCTS



SSF has been an innovator in silicone fabrication for over 30 years. Our patented processes and expertise in areas such as GeoTrans® extrusion, micromolding, thin film membranes, and coating technologies are all immediately applicable to drug eluting combination products. The drug-device combination product sector is growing considerably faster than the stand-alone medical device or the pharmaceutical sectors. We intend to remain positioned squarely at the forefront of this growth opportunity. When compared with standard routes of drug delivery the benefits of drug-device combination products are absolutely compelling.

Advantages of Drug Device Combination Products

Combination products offer several advantages when compared with drug delivery via oral, injection, and infusion methods. All drug-device type combination products exhibit one or more of the following attributes: Drug device components provide controlled release of the API instead of bolus-type delivery. This facilitates consistent API concentrations to be maintained within an optimal therapeutic range. Drug eluting devices, particularly implanted devices, provide targeted delivery of the API. This targeted approach, when contrasted with systemic administration, permits higher therapeutic dosages to be delivered while minimizing adverse side effects.



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Combination products have been shown to improve patient compliance. Most healthcare practitioners now agree that within an aging population such as ours, compliance becomes less certain and therefore more important.

Partnering with SSF

SSF Advanced Technology's drug-device manufacturing activity is conducted exclusively at our Tustin, California facility and is licensed by the State of California as a Drug Manufacturing Facility.

Our business model, quality system, and facility layout are all designed for flexibility to meet the myriad requirements of our various clients. SSF's Engineering and Quality Departments assist our drug-device clients in areas including design, feasibility, prototyping, clinical builds, and commercial release.