Plastic Prefillable Syringes
Devices, Products, Markets, Strategies and Forecasts

A Comprehensive Market Analysis
Evolution - or Revolution – in Injectable Devices

The trend toward patient self-administration of injectables continues to have a broad influence on the drug delivery sector. While prefilled syringe manufacturers continue to improve and refine their products, from a materials technology standpoint the most dynamic developments are occurring in the refinement of PFS constructed of plastic rather than glass. To date, plastic PFS have made significant inroads in EMS injectables, a segment dominated by Hospira’s Ansyr plastic PFS product line. Now, as materials technology continues to advance, market sector participants are targeting mainstream therapeutic drugs.

Tailored Research

As technology and products evolve, the level of precision in management decisions required to enable effective company performance is increasing. Such precision cannot be achieved without timely and accurate data about the company’s macroscopic operating environment. The information that you and your management team require to execute your business and market strategies is unique to your organization and business model. This is why - in addition to the multi-client reports you will find on our site - we offer client-specific research services that start with customer-defined needs and culminate in assessments and analysis that answer the questions that represent risk to your business strategy. To discuss Greystone’s Customer Defined Research services, we invite you to contact us.

Market-driven Product Strategies

A longer life span is expected to translate to a growing number of patients diagnosed with chronic conditions. To counteract the financial and medical infrastructure implications of this trend, pressure from the public sector and managed care organizations will place a premium on therapeutic self-administration, an expectation that is creating an increased interest in routes of administration that are patient-friendly and cost-effective. Pharma company decision makers have come to the realization that for many products, success no longer only depends on the medication itself but also on achieving a consumer-compatible form of packaging and application.
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‘Cyclic olefins as alternatives to glass for prefilled formats are gaining attention because of the increasing prevalence of protein- and peptide-based drugs, which can adsorb or bind to the surface of glass syringes. These drugs are also more likely to be sensitive to leached components from glass and to chemicals derived from surfactants. Olefins such as COC and COP (cyclic olefin polymer) are relatively inert materials that minimize leaching of container components. These syringes are considered suitable for use in the delivery of self-administered specialty injectables, as well as the demanding area of cytostatics and biopharmaceutics.’
Our reports are carefully researched and written to provide timely and insightful analysis of key factors and developments shaping the commercial marketplace. The focused nature of our publications is designed to allow readers to identify emerging demand and growth opportunities in selected markets. Numerous charts, tables and graphs complement the text, with evaluations and assessments of current and probable future market developments, technology issues and business factors - information necessary to compete effectively in the global marketplace.

What You Will Learn

- What injectable drugs are currently delivered in plastic prefabricable syringes, what are the device specifics, and who markets them?
- Who are the important plastic prefabricable syringe suppliers, their manufacturing infrastructure and locations, their capabilities?
- What are the major factors driving plastic prefabricable syringe demand?
- How important are drug developer-device manufacturer relationships and what are the key alliances in the industry?
- What are the essential design factors, material selection issues, technologies and market development issues for plastic prefabricable syringe drug products?
- How are plastic prefabricable syringes aligned with various drug classes and therapeutic markets?
- What are the significant economic, technology, and regulatory factors affecting plastic prefabricable syringes?

*Report Value Chain – Who Should Read this Report*
Report Format and Availability

This report is available electronic format. Single user licenses as well as licenses for multiple users are available. Custom licensing options to address specific company user requirements are available by calling client services at 603-595-4340, or by emailing clientservices@greystoneassociates.org.

Methodology

Research methodology is based on primary research in the form of in-depth interviews with key market participants, technology developers, distributors, industry experts, and market influencers, a list that includes regulatory officials, industry trade groups, and materials standards organizations.

Primary data is evaluated and normalized against secondary sources including trade journal articles, technical literature, industry publications, company data sheets and published information, and statistical data from government agencies and trade associations. Forecasts and projections of market demand and future market activity are derived using standard statistical techniques.

Greystone Research Associates

*Greystone Research Associates is a medical technology consulting firm focused on the areas of medical market strategy, product commercialization, venture development, and market research. We assist medical and healthcare market participants in achieving their business objectives through the creation of detailed development strategies, product commercialization programs, and comprehensive market and technology research and analysis. Our market research publications are designed, researched and written to provide timely and insightful information and data on focused market segments, with the aim of providing market participants with the essential knowledge to refine and execute their marketing plans and financial targets.*
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We accept the following forms of payment:
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- **Credit Cards:** We accept MasterCard, Visa and American Express
- **Wire Transfers:** See ‘Wire Transfers’ below for more information

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