

Water Soluble Film - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Water Soluble Film Market is accounted for \$364.00 million in 2020 and is expected to reach \$654.03 million by 2028 growing at a CAGR of 7.6% during the forecast period. Some of the key factors propelling the market growth include rise in production of single & unit dose packaging in pharmaceutical industry, growing demand for convenience food items, focus of governments on green procurement policies, growing pharmaceutical industry in emerging economies, and increased demand from the agriculture industry. However, increasing overall packaging costs owing to dynamic regulatory policies is restricting the market growth.

A water-soluble film refers to a thin protective layer made up of polyvinyl alcohol (PVA/PVOH) that dissolves when it comes in contact with water. PVA is a colorless, odorless and biodegradable resin that is free of heavy and toxic elements. Water-soluble films made from this resin have high tensile strength, flexibility, and adhesive properties. They also offer smooth mechanical operations, enhanced productivity, cost-effectiveness and flexibility in packaging. As a result, they are used in the packaging of a wide range of industrial and consumer goods, particularly for single-serve or pre-portioned packs. These films possess a good heat sealing property and printability, hence are highly preferred for packaging purpose. These benefits of the films make it acceptable across applications such as packaging, pharmaceuticals, agricultural chemicals, and hygiene purposes.

By application, the packaging segment is expected to grow at the significant rate throughout the forecast period. Packaging is the major end-user industry for these films as water soluble films are easy to use, as the film offers excellent sealing and deep drawing properties, while being completely soluble even in cold water. Moreover, they are considered biodegradable, non-toxic, and non-inhibitory. Products sold as ready to

use packaging are becoming popular. There is a clear trend towards packaging detergents and cleaning products in water-soluble bags. The consumer does not apply aggressive product, there is no need to weigh or to dose product. Water-soluble packaging includes packing liquid, gel and powder products in water-soluble film. It provides accurate weight premeasured doses of the product. It also offers safe handling i.e., no chemicals in contact with skin and avoids dust inhalation.

On the basis of geography, North America region is expected to witness a rapid growth rate over the forecast period, due to increasing awareness among consumers regarding the use of eco-friendly products and implementation of stringent laws by regulatory authorities for environmental protection, such as EPA and other associations. In the US, the water-soluble films market is driven by high demand from the packaging, pharmaceuticals, and textiles industries. The changing trends in consumer behaviour and the manufacturer's easier convenience benefitted the industries to grow at a faster pace in the country, which is further benefitting the water-soluble films market.

Some of the key players in Water Soluble Film Market include Aquapak Polymers Ltd., Mitsubishi Chemical Corporation, Dute Industries Group, Aicello Corporation, Monosol LLC, Kuraray Co. Ltd., Novozymes AS, Arrow Greentech Ltd., Cortec Corporation, AMC (UK) Ltd., Noble Industries, Mondi Group, Procter & Gamble, Neptun Technologies GmbH, Sekisui Chemical Co. Ltd., and Nippon Synthetic Chemical Industry Co. Ltd.

Types Covered:

Hot Water Soluble Films

Cold Water Soluble Films

Embossing

Glossy

Raw Materials Covered:

Hemicellulose (Xylan)

Polyvinyl Alcohol (PVA)/PVOH

Polypropylene

Other Raw Materials

Thickness Covered:

Above 60 Micrometer

30-60 Micrometer

Below 30 Micrometer

Procedure Types Covered:

Non-Surgical Procedure

Surgical Procedure

Dissolution Rates Covered:

Medium Soluble Films

Difficult Soluble Films

Fast Soluble Films

Sales Channels Covered:

Online

Offline

Applications Covered:

Packaging

Disposal Bags

Laundry Bags (Medical Laundry Bags)

Window Washing Concentrate

Toilet Blocks

Bacteria and Enzyme Treatments

Embroidery Substrate

Fishing Bags

Liquid-Crystal Display (LCD)

Disinfectants

Cosmetics

Other Applications

End Users Covered:

Consumer Goods

Healthcare

Agriculture

Industrial

Light industry

Tourism

Sanitation

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

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