

Egypt Blood Bags Market By Product Type (Single Blood Bag, Double Blood Bag, Triple Blood Bag, Quadruple Blood Bag, Penta Blood Bag), By Type (Collection Bag v/s Transfer Bag), By Volume (100ml, 150ml, 250ml, 300ml, 350ml, 400ml, 450ml, 500ml), By Material (PVC, PET, Others) By End User (Hospitals & Clinics, Ambulatory Surgical Centers, Blood Banks, Others), By Region, Competition, Forecast and Opportunities, 2028

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Abstracts

Egypt Blood Bags Market, 2028 is expected to grow at an impressive rate during the forecast period, 2024-2028. The Egypt blood bags industry is driven by a variety of factors, including the demand for blood products, advances in medical technology, and the increasing awareness of the importance of blood donation.

As the population of Egypt continues to grow and the healthcare system becomes more advanced, the need for blood transfusions is increasing. This has led to an expansion of the blood banking system, with new blood banks and transfusion centers being established to meet the growing demand.

New technologies and equipment are constantly being developed that can improve the safety and effectiveness of blood transfusions. This has led to a growing demand for new and innovative blood bags and related products that can meet the needs of healthcare providers and their patients.

The increasing awareness of the importance of blood donation has also been a major

driver of the blood bags industry in Egypt. Rising efforts to promote blood donation and encourage more people to become donors have increased, leading to an increase in the number of blood donations and an expanding pool of potential donors.

The government and regulatory bodies have a significant role in driving the blood bags industry in Egypt. The Ministry of Health and Population has been establishing regulations and guidelines for blood banking and transfusion services, helping to ensure that the industry operates safely and efficiently.

Advancement in Blood Bag Manufacturing

Blood bags are an essential component of modern healthcare, used to store and transport blood and blood products. In Egypt, blood bags are widely used in hospitals and clinics to help save the lives of patients who require blood transfusions.

Blood bags used in the storage and collection of blood are essentially designed to have characteristics such as having an adequate quantity, enhanced maintenance property for appropriate useful condition of blood and related products. To ensure optimal blood and anti-coagulant mixing during separation and transfusion, the design should avoid blood coagulation. Smart modifications such as tear-off ports allow easy connection with transfusion sets and facilitate avoiding blood contamination and re-use, which, in turn, makes a stable blood bag accessible to the increased population on demand for condition such as injury, accidents, blood transfusion, and for collection of necessary blood components such as plasma storage. Additionally, along with storage of blood, advanced blood bags specially designed for separation, are used to separate blood components and then can be used in time of need.

Several types of blood bags with distinct modifications are available in the Egypt blood bags market. The product range includes modifications containing an additional small bag with a secure valve for the collection of blood samples using vacutainers and modifications with a soft or hard leukocyte filter, as well as a storage bag for platelets. The design, including the protective cap reduces the risk of accidental needlestick and contamination. The major use of compound Polyvinyl chloride (PVC) is majorly used for the manufacturing of blood bags, particularly thin walled for high permeability to oxygen and carbon dioxide. They are typically made of a flexible plastic material that can withstand the rigors of transport and storage and are designed to be sterile to prevent contamination.

Blood bags are available in different sizes and types, depending on the needs of the

patient and the type of blood products being stored, thereby increasing the variability in the Egypt blood bags market. Such factors are expected to bolster the growth of the market during the forecast period.

Increasing Awareness and Blood Donation Drives

In Egypt, efforts to increase awareness about the importance of blood donation have helped to increase the demand for blood bags, as more and more people recognize the vital role that donated blood plays in healthcare.

Another important factor is the growing awareness of the importance of blood donation among the public. Blood donation drives and camps are increasing in the country with the increasing awareness about health conditions among the country. Encouraging blood donations and spreading awareness about blood donation among Egyptians is one of the major factors dominating the Egypt blood bags market. Organizing blood donation campaigns and improving blood transfusion services across the country can benefit people with efficient supply of blood in national hospitals and medical institutions working in the fields of cancer, kidney disorders, and general health.

Blood donation camps are organized by institutions such as general hospitals, specialized medical centers, medical colleges, and curative care hospitals. Thus, they acquire high demand for blood bags in the country, which influences the growth of the Egypt blood bags market during the forecast period. Moreover, growing efforts to increase awareness about blood donation have been carried out by various organizations and government agencies, including the Ministry of Health and Population, which has launched campaigns to encourage people to donate blood. These blood donation awareness campaigns are helping more people to donate blood, leading to an increase in the number of blood bags used in hospitals and clinics across the country. This has been especially important for patients with chronic illnesses, such as thalassemia and sickle cell anemia, who require regular blood transfusions to manage their condition.

Increasing Incidences of Road Accidents in Egypt

Egypt has witnessed a significant increase in road accidents in recent years. The country has one of the highest rates of road traffic fatalities in the world. This increase in road accidents has led to a corresponding increase in the demand for blood bags in the country, as many victims require emergency blood transfusions to survive the accident. The demand for blood bags in Egypt has been increasing with the rising occurrence of

road accidents. According to Egypt's Central Agency for Public Mobilization and Statistics, approximately 6,164 deaths from road accidents were recorded in 2021. Also, according to the NADA Foundation for Safer Egyptian Roads, an Egyptian nongovernmental organization, death rate due to road accidents in Egypt is among the highest in the world, with 42 deaths per 100,000 individuals. The foundation also revealed that traffic accidents are the No. 1 cause of death for Egyptian youth among the ages of 15 and 35, and that an average of four children die every day due to accidents.

Many people suffer injuries due to road accidents in Egypt and thereby there is a huge demand observed among the people suffering severe injuries. The severity of these injuries signifies that many of the victims require blood transfusions to replace the blood they have lost in the incident thereby creating a huge demand for blood bags, including blood transfusion. To meet this demand, blood banking systems use the storage of blood bags in blood banks and transfusion centers working to ensure an adequate supply of blood. The demand for blood bags in Egypt has been particularly acute in rural areas, where access to medical care is limited. Thus, the availability of blood bags for accident victims, is contributing to positively influence the Egypt blood bags market.

Rising Chronic Disease Demanding Blood Transfusions

The rise in chronic diseases such as kidney failure and thalassemia is leading to an increase in frequent requirement for blood transfusion, which, in turn, is creating a huge demand for blood bags in Egypt.

Several chronic diseases, such as sickle cell anemia, thalassemia, and hemophilia, require regular blood transfusions as part of their treatment, which has led to an increased demand for blood bags in the country. Sickle cell anemia, in particular, is one of the most prevalent genetic disorders in Egypt, affecting an estimated 15% of the population. This condition causes the red blood cells to misshape and break down, leading to chronic pain, organ damage, and a range of other complications. Regular blood transfusions are often required to manage the symptoms of sickle cell anemia, with some patients requiring transfusions as frequently as once every few weeks requiring a continuous supply of blood bags. Also, chronic conditions such as blood cancer require a frequent supply of blood for the well-being of patients and thus create a remarkable demand for blood bags. Moreover, according to the latest World health organization (WHO) data, in 2020, deaths due to leukemia reached 3,763 or 0.70% of total deaths in Egypt. Also, there was approximately 1,34,632 new cases of cancer altogether registered in Egypt in the same year.

Thalassemia is another genetic disorder that is common in Egypt, with an estimated 5-7% of the population carrying the gene for the condition. Thalassemia affects the body's ability to produce hemoglobin, the protein in red blood cells that carries oxygen to the body's tissues. People with thalassemia may require regular blood transfusions to manage the anemia and prevent complications such as organ damage and thus contribute to create a huge demand from the Egypt blood bags market. Therefore, the growing demand for blood bags in Egypt has put a constant demand from the country's blood banks. This has created more opportunities for blood bag manufacturers and distributors in the country.

Growing Number of Surgeries

Another factor contributing to the increased demand for blood bags in Egypt is the growing number of surgeries and medical procedures being performed in the country. As the healthcare system in Egypt continues to develop, more advanced procedures are being performed, many of which require blood transfusions to support patients' recovery. To meet this growing demand, blood bag manufacturers in Egypt has to increase their production, invest in new technologies, and expand their operations to keep up with the increased demand. This has led to an increase in the demand for medical supplies, including blood bags, which, in turn, is contributing to the overall development of the Egyptian economy.

Market Segmentation

The Egypt blood bags market is segmented based on product type, type, volume, material, end user, and region. Based on product type, the market is segmented into single blood bag, double blood bag, triple blood bag, quadruple blood bag, and penta blood bag. Based on type, the market is further fragmented into collection bag and transfer bag. Based on volume, the market is segmented into 100ml, 150ml, 250ml, 300ml, 350ml, 400ml, 450ml, and 500ml. Based on material, the market is further segmented into PVC, PET, and others. Based on end users, the market is segmented into hospitals & clinics, ambulatory surgical centers, blood banks, and others.

Market Players

TERUMO BCT, INC Macopharma, Grifols Egypt, Inc., JMS Co. Ltd, Demophorius Healthcare Ltd, Polymedicure, AdvaCare Pharma, and Coloplast Corp, are some of the leading companies operating in the market.

Report Scope:

In this report, the Egypt blood bags market, 2028 has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Egypt Blood Bags Market, By Product Type

Single Blood Bag

Double Blood Bag

Triple Blood Bag

Quadruple Blood Bag

Penta Blood Bag

Egypt Blood Bags Market, By Type

Collection Bag

Transfer Bag

Egypt Blood Bags Market, By Volume

100ml

150ml

250ml

300ml

350ml

400ml

450ml

500ml

Egypt Blood Bags Market, By Material

PVC

PET

Others

Egypt Blood Bags Market, By End User

Hospitals & Clinics

Ambulatory Surgical Centers

Blood Banks

Others

Egypt Blood Bags Market, By Region:

Alexandria

Suze Canal

Asyut region

Delta

Greater Cairo & Upper North Region

South upper region

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Egypt Blood

Egypt Blood Bags Market By Product Type (Single Blood Bag, Double Blood Bag, Triple Blood Bag, Quadruple Blood...

Bags Market, 2028.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

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Detailed analysis and profiling of additional market players (up to five).

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