



GSTARP

## TPU material –Factory wholesale

TPU (Thermoplastic Polyurethane) is a high-performance material that combines the elasticity of rubber with the strength of plastics. Due to its excellent wear resistance, flexibility, and environmental adaptability, it is widely used across various industries. TPU features high strength, low-temperature resistance, oil resistance, and chemical corrosion resistance.

The standout characteristics of TPU are its exceptional transparency and environmental friendliness, as it is 100% recyclable. It has wide applications in fields such as food packaging, military bottles, and storage.



Wight: 300gsm 650sm 900gsm 1050gsm 1350gsm 2000gsm

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Depending on hardness and performance, TPU can be classified into polyester-based and polyether-based types. Polyester TPU is more resistant to oil and wear, making it suitable for industrial applications, while polyether TPU is resistant to hydrolysis and low temperatures, commonly used in medical and outdoor equipment.

TPU is widely used to manufacture products such as phone cases, sports shoe soles, medical tubing, inflatable products, automotive parts, and industrial hoses. Its multifunctionality and eco-friendly properties make it a crucial material in modern industries and the consumer goods market.



Recyclable



Acid and alkali resistance



Easy to clean



No odor



light tight





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## TPU Material Weight and application

TPU material has wear resistance and anti-aging properties, has strong tensile strength and impact resistance. It can be used for backpacks, tents, etc., with GSM ranging from 300 to 900gms.

TPU tarpaulins have weather resistance, UV resistance, and waterproof properties, capable of withstanding long-term exposure to sunlight, rain, and wind, suitable for large-scale coverage, flexible packaging and storage, and strong wear resistance. They are widely used in the military for military tents, storage protection covers, vehicle cover cloths, military equipment cover cloths, temporary shed structures, etc., with GSM generally ranging from 600 to 1500gms.

TPU material has good impermeability, corrosion resistance, and environmental protection, which can prevent the leakage of chemicals, petroleum, acids and bases, and can be used to store fuel, chemicals, drinking water, etc., very suitable for various harsh environments. It can also be used for oil containment booms, leak-proof fences, emergency environmental protection materials, stretcher covers, first-aid equipment, etc. TPU Application in Storage (such as oil containment booms)

Professional sales team

10 years of OEM&ODM finished products experience

The main feature is stable and durable quality.

Professional sales team, over 15 years experience in producing TPU material, over 10 years OEM&ODM finished product experience, we are a factory producing PVC tarpaulin in Haining. The greatest feature of our Tarp for TPU material is stable and durable quality. You can get the reasonable price with best quality here.



**Environmental Protection:** GSTARP follows the EU environmental standards and the U.S. HSF standards, all raw materials and auxiliary materials are strictly in accordance with the requirements of the test, our equipment is very advanced, to ensure that the entire production process is very environmentally friendly, our products are exported to more than 100 countries in the world, very environmentally friendly.

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## Environmental Adaptability

We have exported a lot of products to Southeast Asia, Middle East, North America and other regions of the customer, have good reputations, also the product environmental adaptability is very good, its work temperature is from -40-70.

## Odorless

The PVC is made of high purity PVC raw materials, all auxiliary materials are also environmentally friendly, as a professional PVC production and manufacturing plant, the product has no odor at all. And with anti-mold function, there is no odor during the use.

## Acid resistance

GSTRP factory produce PVC fabric by lamination or coating, our equipment is imported from Germany, with advanced techniques, during the manufacturing process of PVC FABRIC, specialized additives are added to make the product acid resistant. Customers can use it to store substances containing acids and alkalis.

## Alkali resistance

The structure of PVC fabric is very perfect, the upper and lower surfaces are very smooth, the film and polyester base fabric have formed molecular bonds, which are tightly combined and completely resistant to alkali, so that it can be used to store alkaline-containing substances or solutions.

## Alcohol Resistance

GSTARP PVC fabric production process is very advanced, using the newest foreign equipment, with advanced production process, it has the characteristic of completely resistant to alcohol, and can be used to store or contact with alcohol-based liquids and substances.

## Corrosion resistance

As a professional PVC tarpaulin manufacturer, the production of PVC material is industry leading, because our equipment is imported from Germany, research and development technology team is also from Germany, the advanced production support can ensure that PVC material are corrosion resistant, with more than 10 years.