

## Wholesale High Quality&Factory Price LDPE Geomembrane From China Manufacturers

Taidong is a professional LDPE geomembrane manufacturers, supply factory price&high quality LDPE geomembrane, welcome to consult wholesale LDPE geomembrane for sale.

LDPE geomembrane is a new geomembrane with low-density polyethylene as the base material. Its tensile strength and flexibility are better than HDPE geomembrane. The composite material which bonded together by high quality LDPE geomembrane and geotextile has the characteristics of corrosion resistance, low-temperature resistance, lightweight, strong tear resistance and so on. LDPE geomembrane factory price has the characteristics of low cost and high quality. Other geotechnical impervious materials of the same kind are not comparable.

### **Features of LDPE Geomembrane**

As a new generation of geotechnical anti-seepage materials, high quality LDPE geomembrane is mainly composed of polyethylene, ethylene, ethylene polymer and other materials. On the basis of absorbing the flexibility of the former geomembrane, it also increases its good extensibility and adaptability to deformation. The waterproofing and seepage-proof capability of the system have been greatly increased.

1. LDPE geomembrane has High anti-seepage effect - LDPE geomembrane factory price has an anti-seepage effect that ordinary waterproof materials cannot match. LDPE anti-seepage membrane has a high tensile mechanical property, its excellent elasticity, and deformation ability make it very suitable for expansion or contraction of the base surface, can effectively overcome the uneven settlement of the base surface, water vapor permeability coefficient  $K \leq 1.0 \times 10^{-10} \text{ cm}^2$ .
2. LDPE geomembrane has good chemical stability - LDPE geomembrane produced by the LDPE geomembrane manufacturers has excellent chemical stability, is widely used in sewage treatment, a chemical reaction tank, landfill. Resistance to high and low temperature, asphalt, oil and tar, acid, alkali, salt and more than 80 kinds of a strong acid and alkali chemical medium corrosion
3. LDPE geomembrane has good anti-aging performance - LDPE geomembrane produced by the LDPE geomembrane manufacturers has excellent anti-aging, anti-ultraviolet, anti-decomposition ability, can be used naked, the service life of the material up to 50-70 years, provides a good material guarantee for the environmental anti-seepage
4. LDPE geomembrane has the excellent anti-puncture ability and can resist most plant roots
5. LDPE geomembrane has High mechanical strength - LDPE geomembrane has good mechanical strength, fracture tensile strength of 28MP and a fracture elongation of 700%
6. Low cost and high benefit - LDPE geomembrane for sale adopts a new technology to improve the anti-seepage effect, but the production process is more scientific, rapid, so the production cost is lower than the traditional waterproof material, the actual calculation of the general project using LDPE anti-seepage film to save about 50% of the cost
7. Easy for installation - LDPE geomembrane has high flexibility, there are a variety of

specifications and laying forms to meet the requirements of different engineering anti-seepage, the use of hot welding, welding strength, construction is convenient, fast and healthy

8. environmental protection non-toxic - LDPE geomembrane for sale are non-toxic environmental protection materials, the anti-seepage principle is the general physical change, does not produce any harmful substances, is the best choice of environmental protection, breeding, drinking pool



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#### **Parameters of LDPE Geomembrane**

**Thickness:** 0.1mm-3mm

**Width:** 1m-10m

**Length:** 20-200m (customized)

**Color:** black/white/transparent/green/blue/customized

## **Application of LDPE Geomembrane**

LDPE geomembrane is widely used in construction, water conservancy, chemical industry, transportation, subway, garbage disposal site, reservoir dam reinforcement, tunnel, and other projects. It has the characteristics of the wide environmental temperature range, high puncture resistance, and a high friction coefficient. The superiority of the geotechnical impervious material combined with its protective layer, geotextile, is inestimable.

1. Environmental protection and sanitation (e.g. landfill, sewage treatment, poisonous and harmful substance treatment plant, dangerous goods warehouse, industrial waste, construction, and blasting waste, etc.)
2. Water Conservancy (such as seepage prevention, leak plugging, reinforcement, seepage prevention vertical core wall of canals, slope protection, etc.)
3. Municipal works (subway, underground works of buildings and roof cisterns, seepage prevention of roof gardens, the lining of sewage pipes, etc.)
4. Garden (artificial lake, pond, golf course pond bottom lining, slope protection, etc.)
5. Petrochemical (chemical plant, refinery, gas station tank seepage control, chemical reaction tank, sedimentation tank lining, secondary lining, etc.)
6. Mining industry (bottom lining impermeability of washing pond, heap leaching pond, ash yard, dissolution pond, sedimentation pond, heap yard, tailings pond, etc.)
7. Agriculture (seepage control of reservoirs, drinking ponds, storage ponds, and irrigation systems)
8. Aquaculture (lining of the fish pond, shrimp pond, slope protection of sea cucumber circle, etc.)
9. Salt Industry (salt crystallization pool, brine pool cover, salt geomembrane, salt pool geomembrane)

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