



ACE Geosynthetics



ACEBag™

PRODUCT

ACEBag™ is the registered trademark of ACE Geosynthetics for all its geotextile bags. In general, ACEBag™ is a woven container with high tensile strength, strong seam, high loading capacity and appropriate textile texture for engineering application. Its size and design can be customized to satisfy the desired purpose.

A bag is composed of durable geotextile (ACETex®), strong handler loop, and appropriate sewing thread; and it can be produced in different design for different requirements. The materials used for ACEBag™ fabrication are mainly polypropylene or polyester woven geotextile. Seams on the ACEBag™ are sewed by skilled technicians with thread of durable yarns. This ensures the overall product quality and performance.



APPLICATION

ACEBag™ can be applied in the following purposes:

- **Material Storage**

– to keep materials in place for protection, storage, delivery and relative management. It is also a packing medium.

- **Shoreline Protection**

– to construct barrier(s) to protect the coast (or river) from erosion.

- **Pipeline Protection**

– to provide a supporting seat to the existing pipeline around coastal area as a mean of protection.

- **Sludge Treatment**

– to filter out the water from unwanted waste/sludge/deposit.

- **Coastal Reclamation**

– to be utilized as a medium to nourish the beach and reclaim land from the sea.

- **Reinforced Structure Construction**

– to use with gabion and form facing system of a reinforced structure; applicable in areas where cobble and stone are absent, and soil is convenient.

- **Tailing Dewatering**

– to retain the tailing and minerals and filter out the water.

- **Temporary Structure Construction**

– to do rush repairs and barrier for flooding.

Real Case



ACEBag™, incorporates with ACEGabion™, is used to construct a temporary bank for the dredging operation at the Wushe Reservoir. Dredged silt is filled into ACEBag™ in the ACEGabion™ to form structural units. These units are then piled along the riverside to prevent more soil being washed to the reservoir by rain. The cost and time of constructing a temporary bank protection is greatly reduced. Moreover, the disposal of the silt filling at the end of the operation is convenient, since it has been dewatered by ACEBag™ and is packed.

WHY ACEBag™

Key Features:

- Customized Production.
- Durable material and seam.
- Outstanding resistance to puncture.
- Excellent resistance to UV, chemical, immersion corrosion in seawater.
- Can be used to contain sludge, aggregate, plastic pellet, chemical fertilizer and etc.
- Easy to pile and transport; loading capacity can be fully utilized.
- Built-in cap or loop for sealing the bag; no additional packing is needed.

Key Benefits:

- Short working time.
- Easy to handle and stack.
- Cost-effective.
- Environmentally-friendly.
- Enable efficient material management.



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