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.

• **Sludge Treatment**
  – to filter out the water from unwanted waste/sludge/deposit.

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

• **Shoreline Protection**
  – to construct barrier(s) to protect the coast (or river) from erosion.

• **Sludge Treatment**
  – to filter out the water from unwanted waste/sludge/deposit.

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.
- 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.

www.geoace.com
sales@geoace.com