

Sediment Filter Bag

Last Modified on 06/25/2024 2:45 pm EDT

Sediment Filter Bag A Summary of IECA Design Standard

What are sediment filter bags?

- A sediment filter bag is a temporary sediment control practice that uses a manufactured, non-woven geotextile or permeable fabric bag to filter stormwater and separate sediment, slurry, and solid materials from construction sites.
- Sediment filter bags can capture larger soil particle sizes, but clay and silt size particles may pass through the fabric.
- Sediment filter bags can be used for stormwater conveyances, dewatering, and excavation operations.

Why use sediment filter bags?

- Sediment filter bags can help minimize the amount of sediment discharge from construction sites, which can reduce erosion, turbidity, and water pollution.
- Sediment filter bags can help comply with local, state, and federal regulations for stormwater management and erosion and sediment control.
- Sediment filter bags can help protect downstream water resources and aquatic habitats from sedimentation and degradation.

How to select and install sediment filter bags?

- Sediment filter bags come in various sizes and capacities, allowing stormwater professionals to select the appropriate bag based on the specific flow rate, volume of water, and particle size to be treated.
- Sediment filter bags should be installed according to the manufacturer's specifications and the IECA design standards, which provide guidance on the location, orientation, anchoring, maintenance, and removal of the bags.
- Sediment filter bags should be inspected regularly and replaced when they reach their maximum capacity or become clogged or damaged.

Summary of IECA Design Standards for Sediment Filter Bags

The International Erosion Control Association (IECA) has developed a design standard for sediment filter bags. This standard is intended to guide stormwater professionals on the application of sediment filter bags when used as a temporary sediment control practice during construction to minimize the amount of sediment discharge. Consult with product specifications pertaining to manufactured sediment filter bags.

[Download Sediment Filter Bag Standard](#) 

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