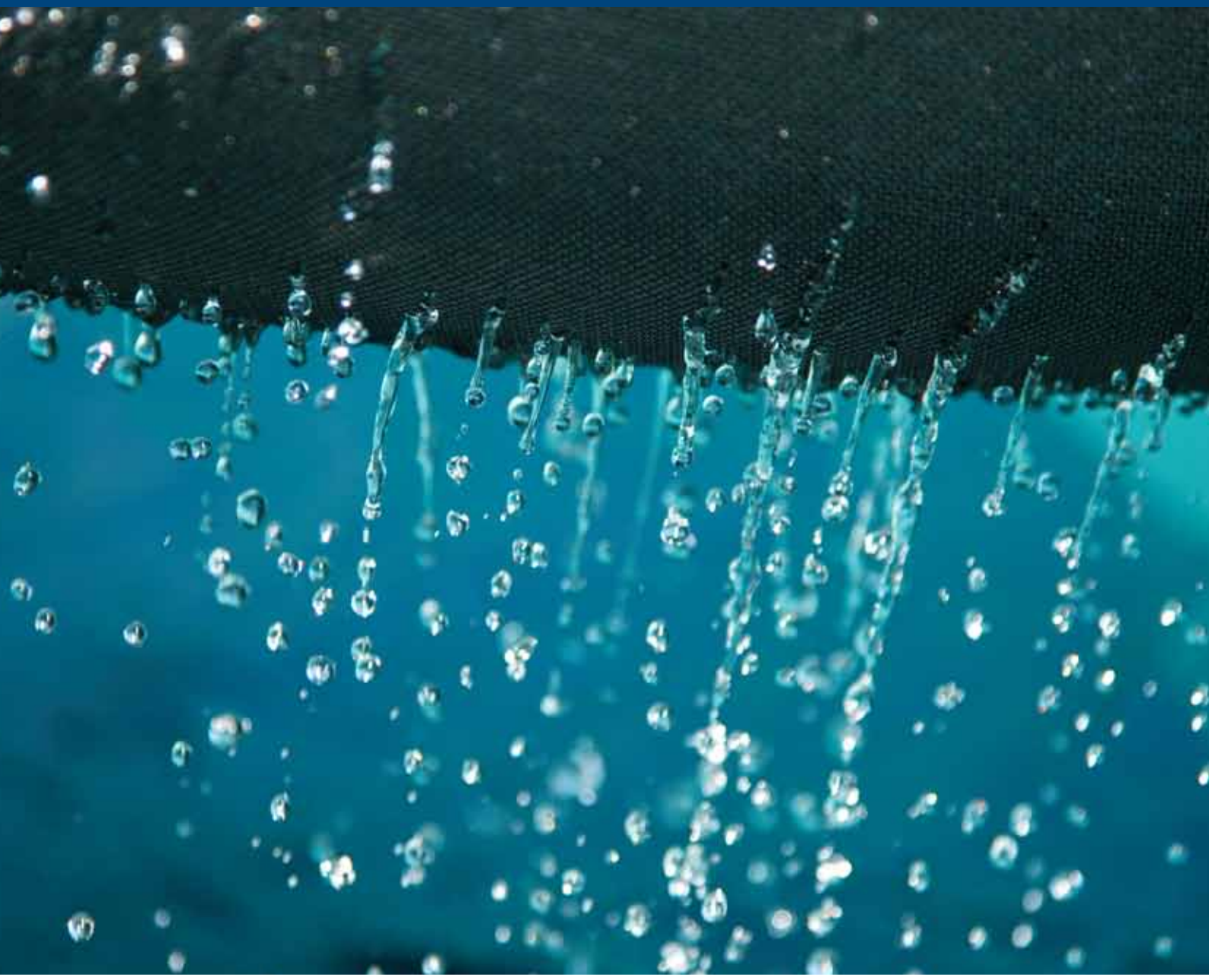
TENCATE
Geotube®

Geotube® Deebag
Engineered Sludge Dewatering Container



Protective Fabrics
Space Composites
Aerospace Composites
Advanced Armour

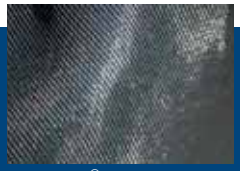
Geosynthetics
Industrial Fabrics
Grass

TENCATE
materials that make a difference

TENCATE Geotube®

Deebag

Engineered Sludge Dewatering Container



Geotube® Deebag

Tencate Geotube® Deebag is a sludge dewatering container specially engineered to effectively retain fine pollutant solids whilst allowing dissipation of liquids. The result is a well dewatered pollutant with solids captured within the container, which is designed to facilitate easy handling and assist the disposal process.

The problem

Industrial and wastewater sludge typically contains high volumes of pollutants in suspension that requires proper treatment and disposal. Tencate Geotube® Deebags are designed to assist in the collection and dewatering of sludges in applications where conventional treatment processes are too costly or ineffective to be undertaken on site.

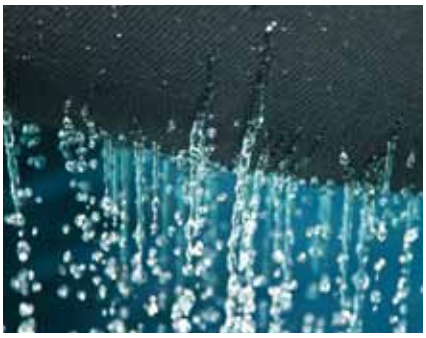
The solution

Tencate Geotube® Deebags are manufactured from fabrics specially engineered to facilitate rapid release of liquid whilst retaining fine pollutant particles. The end result is dewatered solids within the container which can then be easily handled and transported to the disposal site. Filtrates discharged from the container during the dewatering process can be collected and treated in a normal way and discharged directly into waterways.

Tencate Geotube® Deebags are suitable to be installed at remote locations or at existing treatment and disposal facilities. Total sludge volume can be effectively reduced and subsequently lower the overall disposal costs. Filtrates from the container should be collected in properly designed containments at site and treated before discharging if required. Tencate Geotube® Deebags are suitable for handling mining slurry wastes and a variety of agricultural, municipal and civil engineering sludges that are required to be dewatered before transporting to a treatment or disposal center.

Tencate Geotube® Deebags are available in 1.7 and 2.2 cubic meter sizes with a maximum safe working load of 3,200kg. Each bag is engineered from fabrics specially designed to dewater sludges. The containers come standard with lifting straps and a top closure fabric. It is easy to handle at site as it can be lifted and transported using excavators, backhoes or cranes. The bags may be stacked on top of each other provided they are dewatered and stable.

Geotube® Deebag *container*

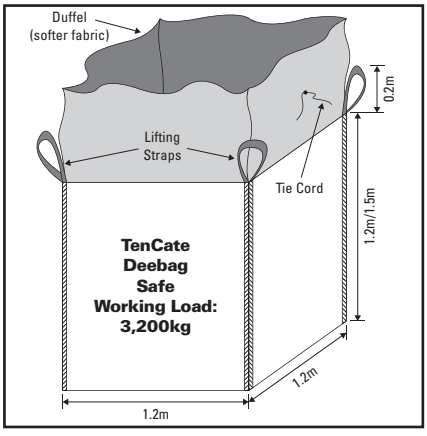


Discharging liquids rapidly; retaining fine solids

THE BENEFITS

- Rapid discharge of high quality filtrate
- Excellent solid retention
- Made from high strength and durable material
- Easy handling at site
- Cost effective, versatile and practical solution
- Environmentally sustainable
- Recyclable systems

- Reduce disposal volume and frequency of transportation
- Reduce storage space of sludge



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