



3904 Virginia Ave • Cincinnati, Ohio 45227 • Phone (513) 271-6000 • Fax (513) 271-4420

US FABRICS DEWATERING TUBES

Geotextile tubes such as US Fabrics Dewatering Tubes are increasing in popularity for construction sludge dewatering and containment because they are cost effective and result in minimal environmental impact. Many local water authorities have solved their municipal sludge problems by utilizing geotextile tubes. Geotextile tubes have proven extremely efficient for containment and dewatering of industrial waste, municipal sludge, pulp and paper sludge, marine sediments and other pump slurries bi-products. Millions of gallons of municipal sediments have been pumped through and contained by US Fabrics' Dewatering Tubes.



The use of US Fabrics' Dewatering Tubes is simple: deploy the rolls in your drying bed; anchor the tubes and/or tie the tubes together; attach to the dredge/pump to the fill port(s) and fill. US Fabrics' Dewatering Tubes are not a mechanical dewatering device. They will not break down or malfunction like a centrifuge, belt press, vacuum or drum filter. US Fabrics' Dewatering Tubes can be used for short term or permanent containment and can be stacked to minimize space requirements and maximize storage capacity.

US Fabrics' Dewatering Tubes are manufactured from high strength permeable geotextiles with specifically engineered retention and drainage properties and then fabricated into a variety of sizes.

US Fabrics' Dewatering Tubes drain excess water through small pores in the geotextile while retaining the sludge and sediment inside the tube. The result is an effective dewatering and efficient volume reduction of the sludge and sediment material. This volume reduction allows for repeated filling of the dewatering tube. In many cases the quality of the decanted water is such that it can be returned to native waterways or reused.

After repeated filling and dewatering cycles, the retained sludge and sediment material will continue to consolidate and dry. When your desired consolidation is achieved, dispose of your retained sediment in a landfill or other suitable method.



US FABRICS DEWATERING TUBES FEATURES & BENEFITS

CHARACTERISTIC	ADVANTAGE
Tighter AOS	More Contained Particles
Higher Flow Rate	Faster Dewatering Times
Stronger Seams	Safer Work Environment
Higher UV Resistance	Better, Longer Lasting Tube
Tan or Silver Color Options	Matches Environment

