



Industrial sludge treatment by ACETube®

Project location: Youth Industrial, Taiwan

Owner: Youth Wastewater Treatment Plant

Specification: ACETube® formed of ACETex® PP70/105 with proper AOS and excellent permeability performance to speed up the dewatering process.

Project Profile:

The project requires an alternative solution to dewater the sludge of wastewater treatment plant since there was lack of drying bed. In traditional method, the quantity of sludge that can be treated is limited and require longer period to drain sludge. During the unfavorable seasons, it will require longer period to process and more dry bed is required to meet the demand. Therefore, the investors need to find the way to reduce the period of sludge dewatering process.

ACETube® was the best answer to conquer these problems. It offers advantages of easy installation, efficiency and can greatly increase containment volume without having to increase the number of drying bed. By adding flocculant and mixing with sludge (effluent) before pumping into ACETube® will help the solids binding together, the flocculated solid will not be able to drain and contained in ACETube® completely. The filtrate water then flows out rapidly. ACETube®, can effectively reduce the water content in a very efficient manner compared to traditional method; furthermore, over 85% solids are retained in ACETube®. When the project is completed, the investors were very pleased with the great performance finished by ACETube®.



Certified ISO-9001

