

Inflatable Rubber Water Dam

The inflatable rubber dam is a hydraulic structure constructed from high-strength synthetic fabric coated with rubber. It is installed across rivers or canals to control water flow and maintain water levels.



Product Overview

High-Efficiency Inflatable Water Management

The Inflatable Rubber Water Dam is a sophisticated hydraulic structure engineered for precise water flow control and level management. Constructed from high-strength synthetic fabric with a specialized rubber coating, this dam offers a durable and cost-effective alternative to traditional concrete infrastructure. It is designed to be easily inflated for water retention or deflated to allow for flood passage and sediment management, making it an environmentally conscious choice for river and canal maintenance.

Technical Features

Operational Functionality

- Air inflation
- Water inflation
- Deflation for flood passage
- Sediment flushing

Construction Material

High-strength synthetic fabric, Rubber coating

Application Benefits

Performance Benefits

Cost-effective • Environmentally friendly • Adjustable water levels • Integrated infrastructure design