

#Rain_Block Series

Pro Flood Protection Solutions

#secured by New Naval

one step ahead at flood protection solutions



Water-filled flood barriers

Water-filled flood barriers are a highly effective solution for flood protection applications. They are designed for fast deployment, multiple applications, and well fit across a wide range of scenarios. Due to their structural flexibility, the barriers can conform to diverse ground conditions, ensuring secure placement and reliable performance. Their lightweight construction ensures fast mobilization and straightforward handling on site, while their compact form when deflated requires small storage space. In addition to flood control, water-filled barriers are suitable for multiple use cases, including pipeline leak, tanker spill response, shoreline remediation projects, and temporary protection during construction works.

Product Highlights:

Constructed from durable materials: manufactured using high-quality polyester fabrics coated with PVC or PU, offering UV protection as well as resistance to oils and chemicals.

Quick Deployment & Minimal Storage Requirements

- The first three boom sizes can be filled with water from a standard garden tap in just 5 minutes.
- Once emptied, they can be easily rolled up for compact, space-saving storage.

Applications

- Perimeter protection of municipal and public buildings, hospitals and healthcare facilities, schools and educational institutions.
- Protection of parking areas and transportation infrastructure (stations, roads, bridges).
- Safeguarding of critical coastal facilities (e.g., power generation plants).

Model	Category	Section Lengths	Height / Diameter
WFD15	Water-Filled Boom	10m, 20m	15cm
WFD30	Water-Filled Boom	10m, 20m	30cm
WFD50	Water-Filled Boom	10m, 20m	50cm
WFXL	Heavy-Duty Water-Filled Boom	20m, 30m	100cm
AF	Air-Filled Boom	20m, 30m	100cm



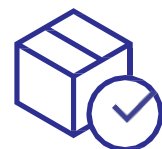
Durable



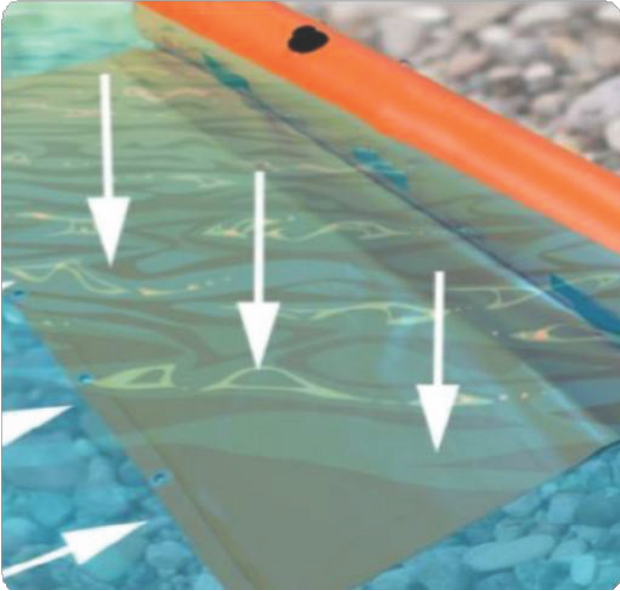
Reusable



Easy to transfer



Minimal Storage Requirements



Air Filled Boom

Inflatable flood barriers are designed at an operational height to provide effective protection against flooding, while allowing for extremely rapid deployment and functionality. Each barrier is equipped with a valve that ensures fast inflation. By using high-quality polyester or PVC-coated fabrics combined with specialized high-frequency welding techniques, the barriers are made fully durable and reliable even under highly demanding conditions.

After each use, the barriers can be easily deflated and stored for future deployments, requiring minimal storage space.

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