

Flood Protection Solutions



Flex-Cover™

What is a Flex-Cover™?

The Flex-Cover™ is a highly durable fabric and composite cover that can be deployed rapidly for flood protection on ground or other grated openings. It can be tailored to address a range of water depths and opening sizes and has a low profile, non-slip surface that allows its use in foot traffic areas such as on sidewalk subway grates.

How it Works

The lightweight Flex-Cover™ is deployed by placing it over the grate and then positioning the cover edges onto the surrounding surface. The grate attachments are then easily installed through cover holes, hooked to the grate and tightened, by hand or drill.

Features & Benefits

- **Rapid Deployment**
 - a single person can deploy the cover in minutes
- **Low Installed Profile**
 - Does not impede or block foot traffic routes
- **Simple Operation**
 - easily installed and removed
- **Scalable Design**
 - Can be sized to fit a wide range of opening sizes and water challenges
 - No modifications required to existing openings

The Flex-Cover™ has been tested against a 3 ft water challenge.

Patent Pending



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Deploying Flex-Cover™ for water test



Close up of attachment hardware

OUR SOLUTIONS ARE BUILT TO ORDER FOR YOUR APPLICATION

System Components

Waterproof Cover

- PVC coated polyester
- EPDM gaskets

Frame

- Thin rigid composite

Attachment Hardware

- Threaded installation hook
- Low profile watertight anchor cap

Configuration

- Numerous sizes and shapes
- Custom profile shapes
- Storage containers and installation gear

Patent Pending