



FLOOD MITIGATION
SOLUTIONS

Flex-Cover®



The Flex-Cover® is a highly durable coated fabric cover that can be deployed rapidly for flood protection on ground or other horizontal openings with grated covers. It can be built to withstand any water depth, and shaped to fit any opening or grate configuration. The lightweight cover accommodates easy storage and transportation. The Flex-Cover is simple to install and remove by a single person within minutes, even in high winds. It has a low profile, enabling it to be used in foot-traffic areas, such as on sidewalk subway grates or transformer vaults, and it is flexible enough to accommodate uneven grates. The Flex-Cover can also be adapted for use on vertical ventilation shaft covers or louvers. Standard and custom configurations are available.



FEATURES AND BENEFITS

- **Low-profile installation** — Does not block foot-traffic routes
- **Compact storage** — Low profile; store remote, in nearby building or optional point-of-use storage container
- **Simple operation** — Lightweight, requires very little training to install or remove it quickly
- **Scalable design** — Sized to specific needs and codes
- **Robust materials and construction** — Reliable protection from water, waves and wind

Flex-Cover



OPERATION

The Flex-Cover's compact and lightweight stowed configuration makes it easy to transport to the installation site. First, the Flex-Cover is placed over the grated opening. Next, the cover edges are positioned on the perimeter of the surrounding surface, outside the opening. The grate attachments are then installed through cover holes. Once the Flex-Cover is hooked to the grate and tightened, by hand or drill, the opening is protected.

SYSTEM COMPONENTS

Waterproof Cover

- PVC-coated polyester
- EPDM gaskets

Frame

- Thin, rigid composite
- Fabric hinges

Attachment Hardware

- Threaded J-Bolt
- Low-profile, watertight anchor cap

CONFIGURATION

- Common sizes and shapes
- Rectangular/square/round

OPTIONS

- Custom-profile shapes
- Storage containers and installation gear
- Covers can be abutted for larger openings
- Can accommodate obstacles

OUR SOLUTIONS CAN BE CUSTOM-DESIGNED TO MEET YOUR REQUIREMENTS



FLEX-COVER GRATE ATTACHMENTS CAN BE MADE TO ACCOMMODATE ALMOST ANY GRATE CONFIGURATION



CONFIGURATIONS MADE TO MEET REQUIREMENTS FOR ANY OPENING OR PERIMETER OUTLINE, OR ANY LEVEL OF DURABILITY



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