LEAK DETECTION

Floodline® Flexi-Pad Water Leak Sensor

Flexible leak detection for confined spaces and hard-to-reach areas



Flexible leak detection for confined spaces

Floodline® Flexi-Pad is a flexible, low-profile sensor designed to detect water and other conductive liquid leaks where conventional sensors may be difficult to install.

Ideal for narrow voids, beneath plant equipment and around pipework, valves and joints, Flexi-Pad delivers reliable leak detection across a wide range of commercial and industrial applications.

Its versatile design allows individual sensors to be installed in different configurations or interconnected to form a single detection zone.

Flexi-Pad can detect various conductive liquids, including certain chemicals, paints and syrups, making it suitable for diverse operational requirements.

Typical applications

- Pipework and valve assemblies
- Drip trays and bunded areas
- HVAC and plant room equipment
- Narrow service voids
- Critical building infrastructure
- Industrial process equipment
- Water treatment and utility installations

Protective mesh cover

Flexi-Pad is supplied as standard with a protective, open-weave mesh cover that protects the sensing tracks while allowing moisture to reach the detection surface.

Manufactured from polyester-reinforced PVC, the flexible mesh provides strength and stability while resisting rot and mould.

The open-weave construction allows the sensor to dry more easily following activation, ready for reuse provided it is not contaminated

Benefits at a glance

- Flexible, low-profile design for confined and difficult-to-access locations
- Detects water and a wide range of conductive liquids
- Can be installed flat or wrapped around pipework, valves and fittings
- Sensors can be connected to form a larger detection zone
- Protective mesh cover supplied as standard
- Easy to dry and reuse following activation, subject to condition
- Custom sizes and configurations available to suit specific applications
- 10-year warranty (terms apply)

Warranty: 10-year warranty on all Floodline® leak detection equipment, at no extra cost.

or damaged. Flexi-Pad can also be supplied without the cover to suit specific applications.



Floodline® Flexi-Pad — a flexible sheet with bonded, carbon-loaded detection tracks.

Configurations

Flexi-Pad Sensor Size 2 (1 x 0.7m)	Flexi-Pad Sensor Size 1 (0.4 x .0.3m)
Item 600043	Item 600044

TECHNICAL INFORMATION

Detection: Water and other conductive liquids. Sensor can be dried and reused following activation, provided it is not contaminated or damaged

Construction: Tough, flexible plastic sheet with bonded carbon-loaded detection tracks. Supplied as standard with a protective, open-weave polyester-reinforced PVC mesh cover, resistant to rot and mould

Fixing: Can be laid flat, secured to suitable surfaces or wrapped around pipework and other components, depending on installation requirements

Standard sizes:

- 400mm × 300mm × 1mm
- 1000mm × 700mm × 1mm

Connection enclosure: 56mm × 78mm × 21mm (H). Extends 36mm beyond the sensor's shorter edge

Leader cable: Standard PVC/PVC 7/0.2 multicore alarm/comms cable or equivalent. LSF and alternative cable types available on request

Custom design: Sensor shape and base material can be tailored to individual requirements. Custom sizes available up to 1000mm × 1000mm