

## FloodWater Bag

**Floodwater Bags** are a reusable alternative to sandbags, these plastic floodbags are filled on site with water and a unique environmentally friendly polymer, once exposed to fresh water the polymer absorbs to form a gel which gives the bags firmness and ridgedity. A team of five, with 8 filling stations can fill up to 2500 Floodwater Bags per hour. Supplied with ties to link them together for extra stability, they are a hygenic, reuseable and economical alternative to sandbags.



Floodwater bag  
Demonstration to the EA in  
Birmingham, March 2004.



1. Bag and  
Ploymer sachet.



2. Cut and pour  
polymer into  
bag.



3. Fill with  
hose  
then screw  
shut.



4. Filled Bag ready for  
Deployment.



Filling Station and  
Multi-Fill Manifold.



## IFDP FloodBags

**IFDP FloodBags** are cost effective water absorbent bags that weigh only 600g, and have a shelf life of 5 - 10 years. In contact with water they expand to over 20kg, making them ideal for absorbing spillage, as well as for their primary role as a flood defence product. The equivalent of over 400kg of sandbags is stored in a compact, easily handled box weighing approximately 13kg.



FloodBags holding back  
the rising waters in  
Tokyo, November 2002.



1. Dry bag ready for  
deployment.



2. Bag after 3 mins of  
exposure.



3. Filled 20kg Bag after 10  
mins of exposure.

CD ROM  
OF  
DEPLOYMENT  
AVAILABLE



Floodbags used as  
a wall structure

