



Foldable Drain Cover FDC 01

The cover can be applied in case of leakage of dangerous substances and imminent environmental accident for all steel and horizontal plastic sewer grates. It can be especially used also for grates with side gate. It is applied to a clean grate by attaching the cover with its membrane side down, i.e. the inscription side up.



- ▶ Efficiently and quickly applied
- ▶ Easily foldable
- ▶ Possibility of repeated use
- ▶ Versatile application to all types of grates
- ▶ Usable also for grates with side gate



Universal folding device for quick protection of sewer grates



For grates with a side gate

For all regular sewers but also for throughways

For long or slit gates. The covers perfectly seal even if they overlap each other

Detail of function of hydrostatic pressure

Examples of uses

Principle

FDC 01 uses a simple physical effect of pressure difference. Liquid tends to enter the sewer through its openings but also through looseness at the edge of the sewer. In order to prevent it, it is necessary to place a barrier there which is also safely sealed. A thin, highly flexible foil which is exposed to hydrostatic pressure thus creating perfect adhesion to even irregular surfaces and edges has shown the best results. For this purpose we have chosen highly chemically resistant, flexible and strong foil which we attached to a flexible and magnetic foil with openings; this is how we allowed the liquid access to the bottom PUR foil.

Technical details

Materials: magnetic isotropic foil 0,9 mm, special flexi PUR foil 0,06 mm, PES/PVC foil. It resists all common chemicals (see Chemical resistance certificate in the relevant chapter at the end of catalogue). Temperature scope of application is -20 °C to +60 °C.

The product is protected by registered utility model (technical patent) no. 30307 lodged with the Industrial Property Office.



Type	Dimensions (mm)	Packaging dimensions (mm)	Weight (kg)
FDC 01 – Foldable Drain Cover	750 × 630 × 0,9	650 × 340 × 10	1,5