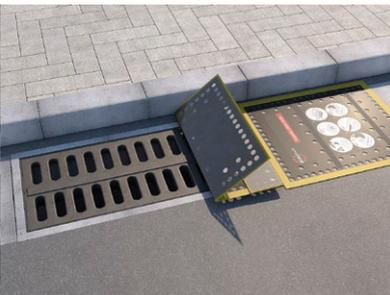


Foldable Drain Cover FDC 01



INSTRUCTIONS FOR USE

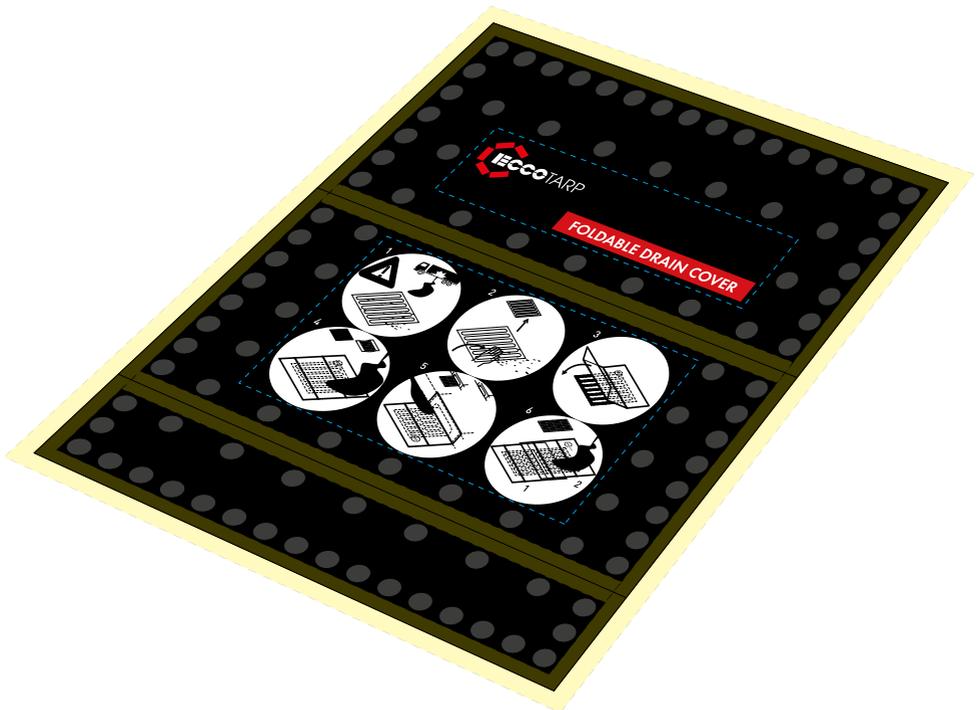
EN



This document describes the operation and characteristics of Foldable drain covers FDC 01. It contains important information about how to use the covers properly and how to increase their reliability and life. This document must always be available in the place where the covers are used. Keep it together with the covers at all times. The operator is responsible for using the covers safely and in compliance with the instructions in this manual, which applies to any third persons as well. If you have any doubts about the correct use of the covers, please contact the manufacturer or an authorized dealer.

Foldable drain covers FDC 01 (hereinafter „covers“) are a simple, light, compact and reusable means for quick protection of sewer drains against the entry of hazardous substances. They can be especially used also for grates with side gate. Due to their resistance to chemicals and oil substances, they are widely used especially for the integrated rescue system, in logistics and industrial warehouses, in production halls and everywhere where there may be an undesirable leakage of hazardous substances.

Foldable drain cover FDC 01

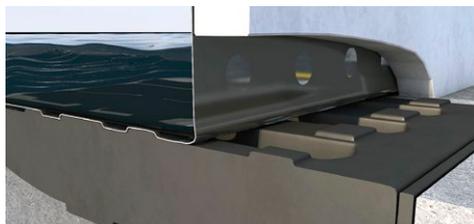
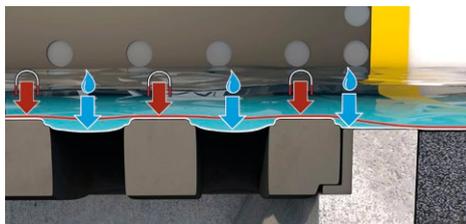


The delivery includes:

- 1× Foldable drain cover FDC 01 in transport bag
- 1× Instructions for use, incl. warranty certificate

Principle of operation of drain cover FDC 01

The cover is used by applying it to any steel or horizontal plastic sewer drain free of mechanical impurities. Its unique characteristic is usage also for grates with side gate. Very good efficiency is on flat and smooth surfaces (industrial halls, roads, etc.). It is applied by attaching the cover with its membrane side down, i.e. the inscription side up. It 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.



The recommended overlap at the edges of the drain opening is about 5-10 cm.

Technical details

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

General information



When using the covers, observe these instructions as well as all the safety notices herein.

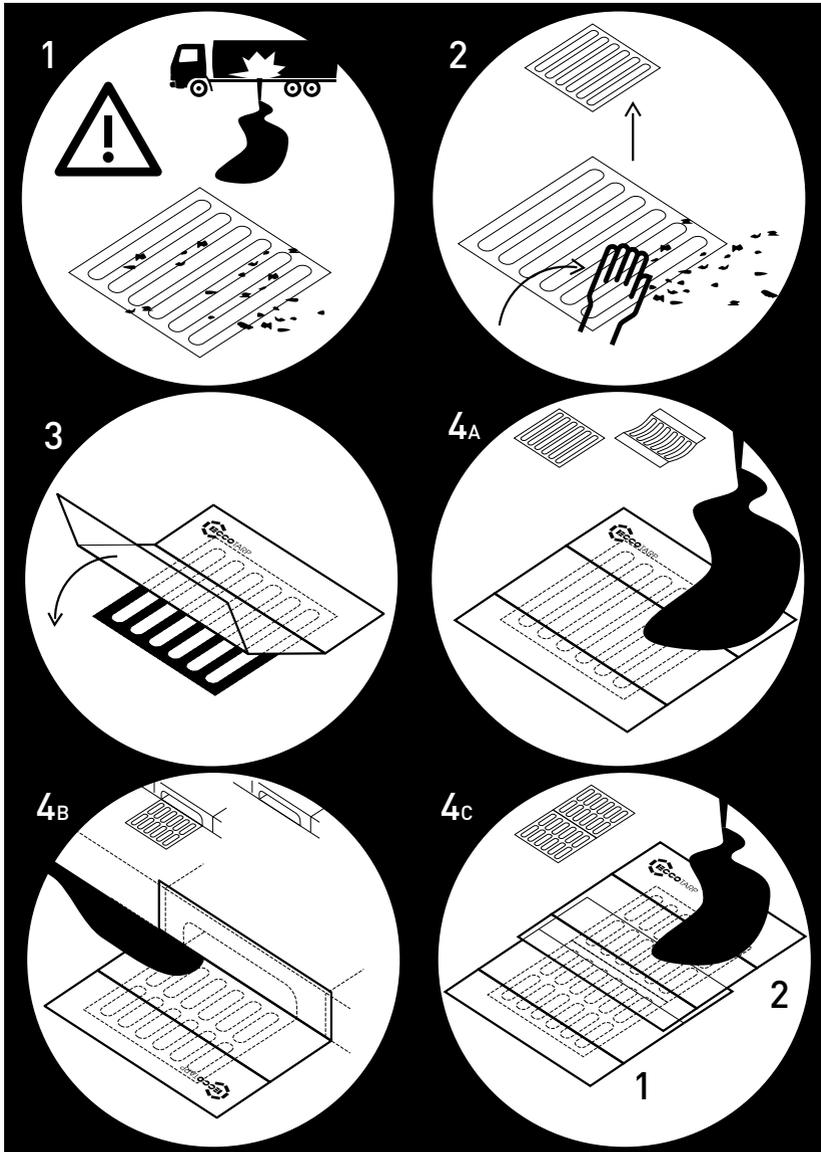
1. The covers are designed as fast solution for emergency situations. They are intended for catching hazardous substances leaking into the drains.
2. Materials are magnetic isotropic foil 0,9 mm with permanent magnetic characteristic and special flexi PUR foil 0,06 mm.
3. The cover is resistant to the effects of weather conditions and oil-based products, dilute acids and alkalis – see Chemical resistance certificate, p. 7.
4. The covers are light, compact and reusable.
5. The range of temperatures for the use of the covers is from -20 °C to +60 °C (flexibility is reduced at low temperatures).
6. Ideal storage is recommended at room temperature in a transport bag.

Instructions for using of Foldable drain cover FDC 01



Clean the steel or cast steel drain from dirt. Remove the cover from the transport bag and place it on the sewer drain to prevent the penetration of hazardous substances. The recommended overlap of the cover over the drain is approx. 5-10 cm.

Illustrated instructions for usage of the cover



Handling instructions and safety warnings

1. Put the cover on the steel or horizontal plastic drain freed from dirt.
 2. The cover can be also used for grates with side gate.
 3. Do not put the product near fire or any other sources of heat.
 4. The range of temperatures for the use of the covers is from -20 °C to +60 °C (flexibility is reduced at low temperatures).
 5. The cover is resistant to the effects of weather conditions and oil-based products, dilute acids and alkalis – see Chemical resistance certificate, p. 7.
 6. Ideal storage is recommended in its transport bag.
 7. After each use it is necessary to wash the cover thoroughly, clean it with suitable detergents and let it dry completely.
 8. Observe the safety measures for working with hazardous liquids and with substances harmful to the environment.
 9. Make sure you observe any necessary precautions regarding personal safety, such as the use of protective equipment.
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Maintenance and storage

After the draining the product should be washed with proper neutralization detergent (in the case of aggressive substances) and lukewarm water or another suitable detergent. We recommend storing the cover in its transport bag so that they are not damaged while not in use. For long-term storage, place the cover in a dry place out of the reach of UV radiation.

Important contact information

Manufacturer and qualified service:

Metal Arsenal s.r.o.

Poděbradova 1920

289 22 Lysá nad Labem

Czech Republic

info@eccotarp.com

T: +420 325 514 723

T: +420 737 802 153

T: +420 777 472 640

Repair

Any repair work on the covers must always be done by the manufacturer's qualified personnel. In the event of unprofessional repair or design change, the product's proper operation cannot be guaranteed. If you want to request repair, order accessories or lodge a complaint, please, contact our qualified service department.

Warranty conditions

The warranty period is indicated in the warranty certificate on the last page of these Instructions for use. The warranty period is 24 months and begins on the day indicated in the warranty certificate. The warranty does not apply to the normal wear and tear or to damage caused by improper use or by the instructions in this manual not being observed.

Disposal

The cover must be disposed of in compliance with applicable legal regulations and with the user's internal directives.

Chemical resistance certificate

Applicable to
Foldable Drain
Covers FDC 01.

Resistance levels:

- A) resistant
- B) resistant for at least 3 hours
- C) non-resistant

Name of substance	Chemical formula	Resistance level at room temperature (RT – room temperature)
Water, oxidane	H ₂ O	A
Saline solution		A
Ammonia (10 %)	NH ₃	A
Sodium carbonate (2 %)	Na ₂ CO ₃	A
Motor Oil		A
Naphtha		A
Technical alcohol		A
Kerosene	C ₉ -C ₁₆	A
Acetone	CH ₃ COCH ₃	A
Spindle Lubricating Oil		A
Hydrochloric acid (10 %)	HCl	B
Nitric acid (10 %)	HNO ₃	B
Sulphuric acid (3 %)	H ₂ SO ₄	B
Sodium hydroxide (10 %)	NaOH	A
Aromatic Hydrocarbon		A
Ketone		C
Petrol (US: gasoline)		B
Diesel		A
Trichloroethylene	C ₂ HCl ₃	A
Ethyl acetate	C ₄ H ₈ O ₂	C
Neutral Detergent		B
Methanol	CH ₃ OH	A
Ethanol	C ₂ H ₅ OH	A

Notice:

Material: Strontium ferrite magnetic part (about 90%), Chlorinated Polyethylene binding part (about 10%), TPU material, resistant to common oil products, most mineral oils and plastic grease based on mineral oils, animal and plant oil, fat and hot water. For indicative assessment of the FDC use suitability the chemical resistance chart has been prepared. In the case of substances not listed here, you will be sent a sample of the material to test resistance directly on request. Substances which are marked with the letter B in the list are erosive to materials to certain extent (see the resistance chart). Erosion depends on the time of effect, conditions, type, concentration and temperature of the substance.

Taking into account large numbers of chemical substances and variety of conditions concerning their application and other influences, this certificate is for indicative purposes only. FDC is designed for fast solutions to emergency accidents and is not designed for permanent solution of chemical substances leakage. In order to come to relevant conclusions concerning the chemical resistance level of a specific chemical substance, it is recommended that you always perform individual resistance testing. With respect to the aforesaid information, the producer bears no liability concerning any potential damage which may arise in connection to any actions performed while trusting this list only without any binding assessment or testing carried out by the user.



Warranty Certificate



This product is guaranteed for 24 months.

This warranty covers:

for defects caused by a manufacturing defect in the material used – and any other damage not caused by demonstrable mishandling by the user or any modification of the product.

This warranty does not cover:

for damage caused by improper handling of the product and non-compliance with the „Instructions for Use“ – such as cuts or other mechanical damage to the seal, when placed in an unsuitable place with a sharp surface, abrasion or placement of the product near an open flame and the like.

The manufacturer is not liable for any direct or indirect damage caused by misuse, other than the recommended use of the product.

Complaints must be applied within 24 months of purchase from your supplier. When applying please provide your complaint with full details – product serial number, proof of purchase, where appropriate photographic documentation and a detailed description of the circumstances in which a fault has occurred.

Product Name:

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Production Code:

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Stamp and Signature:

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Date of sale:

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In case of problems, please contact:

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Failure description:

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