

Foldable Drain Cover FDC



Chemical resistance certificate

FDC is designed for fast use in emergency situations and accidents when it is often impossible to determine exactly the retained substance.

Resistance levels:

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

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.

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		B
Kerosene	C ₉ -C ₁₆	A
Acetone	CH ₃ COCH ₃	B
Spindle Lubricating Oil		A
Hydrochloric acid (10 %)	HCl	B
Nitric acid (10 %)	HNO ₃	C
Sulphuric acid (3 %)	H ₂ SO ₄	B
Sodium hydroxide (10 %)	NaOH	A
Aromatic Hydrocarbon		C
Ketone		B
Petrol (US: gasoline)		A
Diesel		A
Trichloroethylene	C ₂ HCl ₃	C
Ethyl acetate	C ₄ H ₈ O ₂	C
Neutral Detergent		A
Methanol	CH ₃ OH	A
Ethanol	C ₂ H ₅ OH	A



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.