

Magnetic Drain Cover MDC



Chemical resistance certificate

The MDC is designed for both emergency response and as prevention.

Resistance levels:

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

When the product is used for emergency response, it is often impossible to accurately determine the substances captured. This list is prepared as a guideline for chemical resistance. The MDC is made of strontium ferrite magnetic (cca 90 %) and chlorinated polyethylene (cca 10 %). The MDC is resistant to most common substances like: Petrol, diesel, kerosene, mineral oils, motor oils, grease, animal and vegetable fats, cooking oils and hot water. Possible product damage depends on the time of exposure, concentration and temperature of substances.

NAME OF SUBSTANCE	CHEMICAL FORMULA	RESISTANCE LEVEL AT THE TEMPERATURE OF 20 °C
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
Acetic acid (10 %)	CH ₃ COOH	A
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	B
Neutral Detergent		A
Methanol	CH ₃ OH	A
Ethanol	C ₂ H ₅ OH	A
Hydrogen peroxide (30 %)	H ₂ O ₂	A



This list is not exhaustive and is only used for preliminary assessment of suitability. With regard to an unlimited number of combinations of chemicals and conditions the above list is for guidance only. In view of the above information the manufacturer and or distributor carry no responsibility for damage that may occur in connection with use not in accordance with these guidelines.