

# Magnetic Drain Cover MDC

## Resistance levels:

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

MDC is designated for speedy deployment in emergency, when it's often impossible to determine exactly leaking substance.

Name of substance	Chemical formula	Resistance level at the temperature of 20 °C
Water, oxidane	H <sub>2</sub> O	A
Saline solution		A
Ammonia (10%)	NH <sub>3</sub>	A
Sodium carbonate (2%)	Na <sub>2</sub> CO <sub>3</sub>	A
Motor Oil		A
Benzine		A
Technical alcohol		A
Kerosene	C <sub>9</sub> -C <sub>16</sub>	A
Acetone	CH <sub>3</sub> COCH <sub>3</sub>	A
Spindle Lubricating Oil		A
Hydrochloric acid (10%)	HCl	B
Nitric acid (10%)	HNO <sub>3</sub>	B
Sulphuric acid (3%)	H <sub>2</sub> SO <sub>4</sub>	B
Acetic acid (10%)	CH <sub>3</sub> COOH	A
Sodium hydroxide (10%)	NaOH	A
Aromatic Hydrocarbon		C
Ketone		B
Petrol (US: gasoline)		A
Diesel		A
Trichloroethylene	C <sub>2</sub> HCl <sub>3</sub>	C
Ethyl acetate	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	B
Neutral Detergent		A
Methanol	CH <sub>3</sub> OH	A
Ethanol	C <sub>2</sub> H <sub>5</sub> OH	A
Hydrogen peroxide (30%)	H <sub>2</sub> O <sub>2</sub>	A

## Notice:

Material: Strontium ferrite magnetic part (approx. 90 %), Chlorinated Polyethylene binder part (approx. 10 %) resistant to common petroleum substances, most mineral oils and plastic lubricants based on mineral oil, animal and vegetable oils, fats and hot water.

A chemical resistance table is prepared for an approximate assessment of the suitability of MDC use. In the case of substances not listed in this list, we will send you a sample of the material for direct resistance testing upon request. Substances that are marked with the letter B in this list already damage the material to a certain extent.

The disturbance depends on the interaction time, conditions, type, concentration and temperature of the substance.

Due to the large number of chemical substances and the various conditions of their application and other influences, the charter is only indicative. The MDC is intended for the rapid resolution of emergency situations and is not intended for the permanent provision of chemical spills. To make a valid conclusion about the degree of chemical resistance for a particular chemical, we always recommend making individual resistance tests.

In view of the above information, neither the manufacturer nor the distributor shall be liable for any damages that may arise in connection with the conduct and trust in this list alone without a binding assessment and testing by the user.

