Chemical resistance certificate

Applicable to magnetic drain covers MDC.

Resistance level:

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

Name of substance	Chemical formula	Resistance level at the temperature of 20 °C
Water, oxidane	H_2O	A
Saline solution		A
Ammonia (10 %)	NH_3	A
Sodium carbonate (2 %)	Na_2CO_3	A
Motor Oil		A
Naphtha		A
Technical alcohol		A
Kerosene	C_9-C_{16}	A
Acetone	CH_3COCH_3	A
Spindle Lubricating Oil		A
Hydrochloric acid (10 %)	HCl	B
Nitric acid (10 %)	HNO_3	B
Sulphuric acid (3 %)	H_2SO_4	B
Acetic acid (10 %)	CH_3COOH	A
Sodium hydroxide (10 %)	NaOH	A
Aromatic Hydrocarbon		C
Ketone		B
Petrol (US: gasoline)		A
Diesel		A
Trichloroethylene	C_2HCl_3	C
Ethyl acetate	$C_4H_8O_2$	B
Neutral Detergent		A
Methanol	CH_3OH	A
Ethanol	C_2H_5OH	A
Hydrogen peroxide (30 %)	H_2O_2	A

Notice:

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.

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.