

Chemical resistance certificate

Applicable to antistatic tanks.

Resistance levels:

- 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 | Resistance level at the temperature of 60 °C |
|------------------------------|--|--|--|
| LIQUID SUBSTANCES | | | |
| Acetone | CH ₃ COCH ₃ | C | C |
| Acetonitrile | CH ₃ CN | A | A |
| Ammonia | NH ₃ | A | A |
| Benzene | C ₆ H ₆ | B | B |
| Tar | mixture | C | C |
| Dimethylformamide | C ₄ H ₉ NO | A | A |
| Ethanol | C ₂ H ₅ OH | B | B |
| Ethylene glycol | C ₂ H ₄ O ₂ | B | B |
| Ethyl acetate | C ₄ H ₈ O ₂ | C | C |
| Ethylbenzene | C ₈ H ₁₀ | A | A |
| Formaldehyde | CH ₂ O | B | B |
| Chlorine | Cl ₂ | C | C |
| Chloroform | CHCl ₃ | C | C |
| Transformer oil | | A | A |
| Gear oil | | B | B |
| SAE 40 oil | | A | A |
| Lubricating oil | | A | A |
| Silicone oil | | A | A |
| Turpentine distillates | | B | B |
| Hydrochloric acid | HCl | B | B |
| Nitric acid | HNO ₃ | B | B |
| Phosphoric acid | H ₃ PO ₄ | A | B |
| Formic acid | HCOOH | B | B |
| Acetic acid | CH ₃ COOH | A | B |
| Sulphuric acid | H ₂ SO ₄ | A | B |
| Sulphurous acid | H ₂ SO ₃ | A | B |
| Isopropyl alcohol | C ₃ H ₇ O | B | B |
| Methanol | CH ₃ OH | B | B |
| Methylene chloride | CH ₂ Cl ₂ | C | C |
| Sodium chloride solution 20% | NaCl | A | A |
| Mercury | Hg | A | A |

| Name of substance | Chemical formula | Resistance level at the temperature of 20 °C | Resistance level at the temperature of 60 °C |
|--------------------------------|--|--|--|
| Hydrogen sulphide | H ₂ S | A | B |
| Styrene | C ₈ H ₈ | A | A |
| Pentane | C ₅ H ₁₂ | A | A |
| Toluene | C ₇ H ₈ CH ₃ | C | C |
| Salt water | | A | A |
| Water | H ₂ O | A | A |
| Hydrogen peroxide | H ₂ O ₂ | A | A |
| Kerosene | C ₇ -C ₁₆ | C | C |
| SOLID SUBSTANCES | | | |
| Ammonium acetate | CH ₃ COONH ₄ | A | A |
| Borax | Na ₂ [B ₃ O ₆ (OH) ₄]-8H ₂ O | A | A |
| Sugar | mixture | A | A |
| Potassium cyanide | KCN | A | A |
| Ammonium nitrate | NH ₄ NO ₃ | A | A |
| Calcium nitrate | Ca(NO ₃) ₂ | A | A |
| Phenol | C ₆ H ₅ OH | B | B |
| Ammonium phosphate | (NH ₄) ₃ PO ₄ | A | A |
| Potassium nitrate | KNO ₃ | A | A |
| Potassium | KOH | A | A |
| Sodium hydroxide | NaOH | A | A |
| Ammonium chloride | NH ₄ Cl | A | A |
| OPERATING FLUIDS | | | |
| Petrol | | B | B |
| Diesel fuel | | B | B |
| Motor oil | | B | B |
| Methyl tert-butyl ether (MTBE) | C ₈ H ₁₈ O | B | B |
| Hydraulic oils | | B | B |

Notice:

Taking into account numerous combinations of chemical substances, as well as other influencing factors, such as concentration or temperature, this chart serves only for indicative assessment of possible behaviour of some substances.

Product durability with respect to the listed substances cannot be fully guaranteed. Neither the producer nor the distributor bears any liability or warranty for any potential damage. For a reliable estimate of the level of resistance to a specific substance, we recommend you to test small samples using miniature laboratory funnels which can be provided upon request by the manufacturer.



The ET-A product is not designed for a long-term keeping of retained substances or for storing chemical substances. The product has been designed as a fast solution to emergency situations and accidents for the time period which is necessary for professional disposal.