

Cantesco® Cooling fluid

Short description

Cantesco® Cooling Fluids (CF1E, CF2E, CF3E, CF4E) and Cantesco® Premium Cooling Fluids (CFPG1E, CFPG2E) consist of demineralised, deionised water and glycol. The extremely low conductance value of less than 4µS/s sets them apart from other products in the market. The advantage of the premium cooling fluid versions is the use of harmless ingredients. They do not require special labelling. The product can be dyed to customer requirements and labelled in line with relevant hazardous substances and goods guidelines. The cooling fluids have varying chemical compositions and thus also different freezing points. This property can also be tailored to meet customer specific needs.

Application area

Cantesco® Cooling Fluids and Cantesco® Premium Cooling Fluids are ideal for almost all liquid-cooled industrial machines, especially in the welding and cutting industry. The low conductance value helps to significantly increase the service life of components in closed cooling circuits that come into direct contact with the cooling fluid.

Physical and chemical features

	pH-value	boiling point	conductivity	density	freezing point	content substance
CF1E	6	100°C	<4µS/s	1010 kg/m ³	-5°C	Ethandiol
CF2E	6	100°C	<4µS/s	1040 kg/m ³	-15°C	Ethandiol
CF3E	6	100°C	<4µS/s	1060 kg/m ³	-25°C	Ethandiol
CF4E	6	112°C	<4µS/s	1080 kg/m ³	-50°C	Ethandiol
CFPG1E	6	100°C	<4µS/s	1020 kg/m ³	-5°C	Propandiol
CFPG2E	6	100°C	<4µS/s	1030 kg/m ³	-15°C	Propandiol

Colour

- Customer-specific, otherwise colourless
- We cannot recommend colouring the cooling fluid because it may lead to higher conductivity.

Product features

- Very low conductivity
- long-time corrosion protection
- 24 months storage ability

Package size

- 5 l
- 10 l
- 20 l
- 200 l
- 1000 l

Material consumption

Depends on consumer

Important notice

Hazard notes, protective measures, hazardous material classes and disposal can be found in the safety data sheet of this product. All products are provided in certified containers and labelled according to customer specifications in line with relevant hazardous substances and goods guidelines.

Based on our experience and to the best of our knowledge, this technical data is up to date and all information is current. As there might be operating conditions of which we have no knowledge and cannot have any knowledge, this data sheet shall be considered for information only and without responsibility. For the benefit of technical advances and the outcome of such advances, we reserve the right to make changes to the data without any prior notification. With the issuance of this publication, all prior technical information shall be considered null and void. When you contact us, you have the option to take advantage of our technical service consultants to find out about the various applications. Please ensure to request a written confirmation after receiving a verbal statement. For the rest, our terms and payment conditions apply.

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