



Special products for motor vehicles

FAM ANTIFRIZ[®] UNIVERZAL

FAM ANTIFRIZ[®] UNIVERZAL is coolant made of monoethylene glycol and appropriate corrosion inhibitors.

ADVANTAGES

- It does not contain amines, phosphates and nitrites
- Excellent protection against all types of corrosion for all elements of the cooling system
- Efficient protection against the formation of deposits in the cooling system
- Low freezing temperature
- Good properties of heat conductivity
- Excellent elastomer compatibility

QUALITY LEVEL

SRPS H.Z2.010, conventional

ASTM Standards	ASTM D 3306 / ASTM D 4656
British Standards	BS 6580
SAE Standards	SAE J 1034

French Standards

CuNA standard
Japanese Standard
UNE Standards

NFR 15-601

NC 956-16
JIS K2234
uNE 26-361-88/1

APPLICATION

FAM ANTIFRIZ[®] UNIVERZAL is used for filling open and closed cooling systems of internal combustion engines. It can also be used in other heat transfer systems by circulation. It serves to protect cooling systems from freezing in winter and boiling in the summer period and provides perennial protection of steel and aluminum motor parts against corrosion. It contributes to better energy exchange with the heating element, scale deposits are not formed in the installation, it facilitates fluid circulation through the system and ensures smooth operation of the pumps for the transport of fluid.

FAM ANTIFRIZ[®] 40 UNIVERZAL is applied without dilution (ready to use), while **FAM ANTIFRIZ[®] 100 UNIVERZAL** is diluted for use according to the following table:

FAM ANTIFRIZ 100 UNIVERZAL : WATER (by volume)	PROTECTION AGAINST CORROSION	FREEZING POINT °C	BOILING POINT °C
1:1 (50:50)	TOTAL PROTECTION	-37	108
1:1.5 (40:60)		-23	106
1:2 (33:66)		-18	104

TYPICAL CHARACTERISTICS

CHARACTERISTICS	FAM ANTIFRIZ 100 UNIVERZAL	FAM ANTIFRIZ 40 UNIVERZAL	METHODS
Appearance	Green fluid	Green fluid	Visual
Density at 20°C; g/cm ³	1.112 - 1.114	1.06 - 1.08	SRPS EN ISO 3675
Temperature of crystallization for mixture with water 1:1 (v/v) °C	Max.-37	-	SRPS H.Z8.053
Temperature of crystallization °C	-	-37	SRPS H.Z8.053
Reserve alkalinity; ml	Min.10	Min.5	SRPS H.Z8.059
Boiling point °C	Min.160	Min.108	SRPS H.Z8.058

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STORAGE

Tightly-closed containers should be protected against direct sunlight and other heat sources. All necessary instructions can be found in the Safety Data Sheet. It contains details of possible hazards, warnings and first aid measures, as well as the environmental impact and the necessary measures when storing.

PACKING

The product is packaged and delivered in plastic bottles of 1L, pails of 4L, canisters of 20L and drums of 200L.

Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.



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FABRIKA MAZIVA FAM • Jug Bogdanova 42 • 37000 Kruševac • Serbia
Tel. ++381 37 422078; 423261 • Fax. ++ 381 37 426241; 424008
www.fam.rs