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Specifications Sheet

Generated: 2026-11-07

P/N: LIQ-705CL-05L

Koolance 705 Liquid Coolant, Electrically Insulative, Colorless, 5000ml (169 fl oz)



Koolance 705 series coolant is used by many industries requiring a low conductivity (3 microSiemens per centimeter), low-toxicity, reliable coolant with corrosion and biological inhibitors. A high quality coolant is extremely important for addressing dissimilar metals and biologic growth (bacterial and algae) long-term. Koolance liquids will not clog components and can typically be used for 2-3 years before replacement is recommended. (Coolant shelf life is 3 years.)

This container includes 5 liters (169 fl oz) of prediluted coolant. It's recommended to replace the coolant at least every 2-3 years, or immediately if there is any change in color or clarity. Liquid coolant mixtures based primarily on water will conduct some amount of electricity. Keep in mind that foreign debris (such as dust) will increase the conductivity of water-based coolants.

The freezing point is -35°C (-31°F). This coolant has been tested with the following materials:

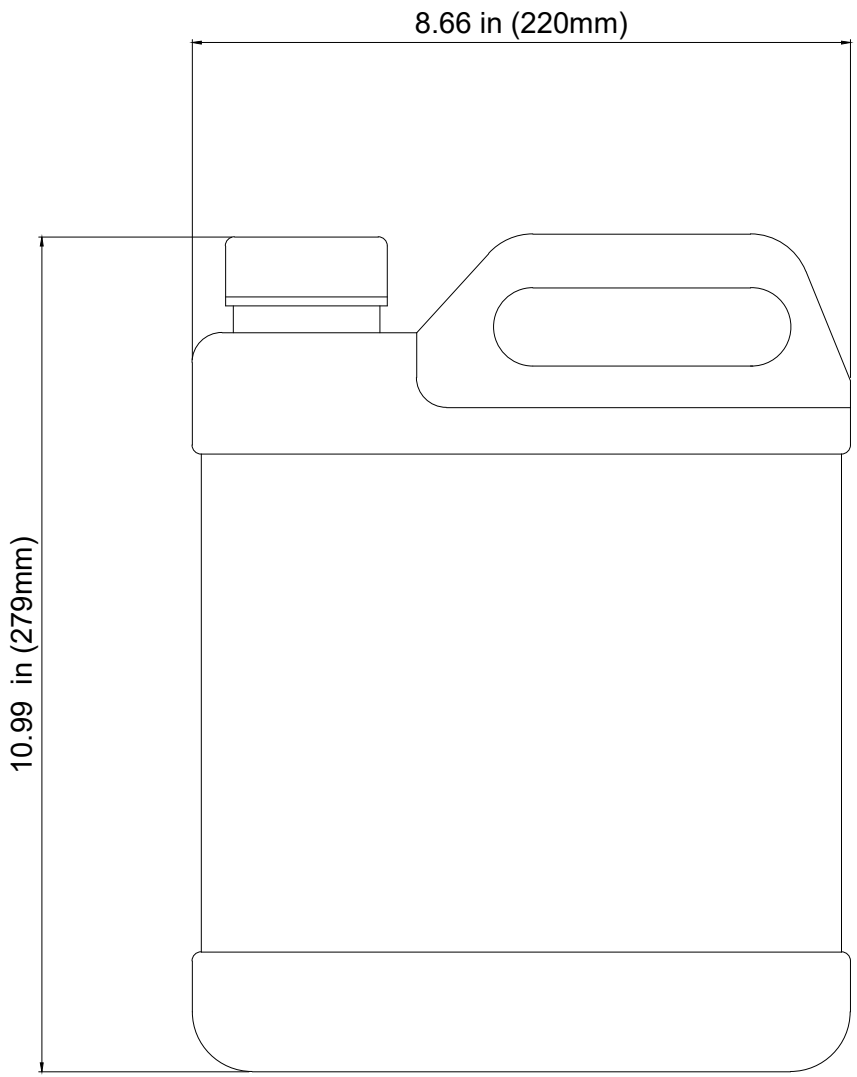
- Metals: copper, brass, aluminum, stainless steel, nickel, steel, gold, lead
- Plastics: ABS, PA66, PBT, PE, PEI, PES, PETG, PMMA, POM, PP, PPE, PPO, PPS, PTFE, PU, PVC
- Rubber: EPDM

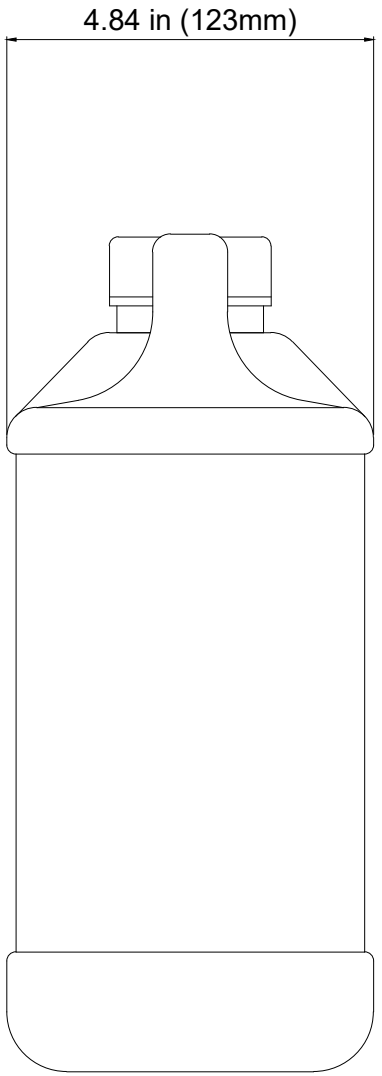
NOTE: Not recommended for polycarbonate plastics or other PC-based plastics.

General	
Weight	13.00 lb (5.90 kg)
Liquid Coolant	
Color	Clear
Electrical Conductivity (µS/cm)	3
Freezing Point	-35°C (-31ºF)
Specific Gravity @20°C	1.04
UV Reactive	No

General	
Viscosity @20°C (cP)	4.3

File





NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE		UNIT MM	APPAR	
	BY BY BY APPRD BY	SCALE N/S	TITLE LIQ-705CL-05L	
DATE		3RD ANGLE		
2026.05.11	SK.An	CODE NO.	DWG. NO.	