

Thermal HL90

JULABO Thermal HL90 is a bath fluid based on silicone with a wide working temperature range. Do not use with silicone hoses! Silicone-based bath fluids can swell and dissolve silicone hoses. Therefore use JULABO metal tubing or JULABO Viton tubing or JULABO PTFE tubing for the temperature control of external systems.

Please observe the information in our safety data sheet.



Advantages:

- Low viscosity
- High stability
- Minimum odor
- Good heat conductivity
- Wide temperature range

Technical data

Order number 5 liters	8940143
Order number 10 liters	8940142
Working temperature	-90 ... +200
Flash point	>+82 °C
Fire point	+126 °C
Viscosity (kinematic at 20 °C)	2.16 mm ² /s
Density (at 20 °C)	0.91 g / cm ³
Pour point	<-120 °C
Boiling point	>220 °C
Ignition temperature	>300 °C
Thermal expansion coefficient	0.00101 (g/(ml × K))
Heat conductivity	0.125 (W/(m × K))
Specific volume resistivity	4*10 ¹⁴ (Ohm × cm)