

ø8 Composite

ITEM		SPECIFICATION
Shape	Round	ø8±0.05mm
	Flat	t: 9.21-11.70+0.15/-0.35mm
Wall Thickness		0.30±0.02mm
Length		100~1000±1mm (1500mm under special condition)
Working Fluid		Pure H ₂ O
Wick Structure		Sintered Powder
Fail Temperature (No Cooling)		180°C Leakage
		140°C Inflation
Q _{max}		85W
Copper-Water Heat Pipe Thermal Resistance θ		Max 0.3°C/w
Inclination		Any Direction
Flexibility		Curvature $R_c \geq 12$ mm
Guaranty		5 Years

Note: Q_{max} and θ are tested in level condition. Evaporator and condenser are 50mm and 37mm in length, respectively. Condenser section is cooling by water cycling.