

# Flowmeter Application Data Sheet

## Creative Engineers, Inc.



Please complete data sheet and submit to Creative Engineers for review.

**Contact Name:**

**Company:**

**Project Name:**

**Liquid Metal:**

**Flow Tube**

**Material:**

Material in flow tube

Standards are 304 or 316

Stainless Steel

		Value	Unit	Value	Unit	Notes:
<b>Flow Tube Diameter</b>	Outside		mm		In	Enter desired flow diameter. Leave blank if unknown.
	Inside		mm		In	
<b>Process Flow</b>	Min		l/s		gpm	Enter flow range.
	Normal		l/s		gpm	
	Max		l/s		gpm	
<b>Process Temperature</b>	Min		C		F	Enter temperature range.
	Normal		C		F	
	Max		C		F	
<b>Ambient Temperature</b>	Min		C		F	Enter ambient temperature conditions.
	Normal		C		F	
	Max		C		F	
<b>Density</b>	Min		kg/m <sup>3</sup>		g/cm <sup>3</sup>	Enter density information (if known).
	Normal		kg/m <sup>3</sup>		g/cm <sup>3</sup>	
	Max		kg/m <sup>3</sup>		g/cm <sup>3</sup>	
<b>Viscosity</b>	Min Temp				cS	Enter Viscosity Data at known temperature
	Normal				cS	
	Max Temp				cS	
<b>Resistivity</b>	Min Temp		nΩ-m		μΩcm	Enter electrical resistivity data at known temperature.
	Normal		nΩ-m		μΩcm	
	Max Temp		nΩ-m		μΩcm	
<b>Process Pressure</b>	Min		bar		psi	Enter operating pressures
	Normal		bar		psi	
	Max		bar		psi	
<b>Pressure Drop</b>	Min		bar		psi	Enter range of acceptable pressure drop across flow tube.
	Max		bar		psi	