# Applications

## GF flow sensors can be used in a wide variety of fluid media types.

Flow rate measurements can be conducted in media ranging from highly pure to highly contaminated, and allows a tailor made solution for almost any application in accordance with the application requirements. Refer to the charts for sensor recommendations.



#### Paddlewheel Flow

- 515
- 525
- 2536
- 2537
- 2540



#### \*Rotor/Turbine Flow

- 2000
- 2507
- 2100



### **Magmeter Flow**

- 2551
- 2552



**Ultrasonic Flow** 

- U1000
- U3000/4000
- 220/330

	Paddlewheel	Ultrasonic	Turbine	Magmeter						
Industrial										
Ultra-Pure		Х								
DI Water	Х	Х	×							
Tap Water	Х	Х	×	х						
Brackish Water	Х		X	Х						
Sea Water	Х			х						
Brine Water	Х			х						
Conductive	Х	Х		х						
Chemical Contaminants										
Organics	Х	Х	×	х						
Corrosives	Х			х						
Chemical Transport	Х	×	×	×						
Batch/Mix	Х	Х	×							
Waste Water										
Particles	Х			х						
Fibers				Х						
Municipal										
Drinking	Х	X	×	х						
Wastewater	Х			×						

	515	525	2536	2537	2540	2000	2507	2100	2551	2552	U1000	U3000 U4000	PF220 PF330
Batch Process	Х		Х			Х	Х		Х				
Boiler Feedwater Monitoring	Х	Х	Х										
Chemical Dosing						Х	Х	Х					
Chemical Processing									Х	Х		х	Х
Chemical Production	Х		Х	Х								х	Х
Chemical Transport		Х							Х				
Chilled Water Metering					Х				Х	Х	х	х	
Clarified Effluent					Х								
Commercial Pools, Spas and Aquariums	х		х		х				х			х	
Cooling Systems		Х			Х				Х	Х		х	Х
Demineralized Water			Х	Х							х	х	х
Fertigation								Х					
Filtration Systems	х		Х	Х									
Fluid Dispensing							Х	Х					
Gravity Feed Lines			Х	Х	Х								
Ground Water Remediation					Х					Х			
Heat Exchangers		Х									х		
High-Purity Chemical Dispensing								х					
HVAC Systems		Х			Х				Х	Х		х	
Hydraulic Systems												х	Х
Industrial Water Distribution									Х	Х			Х
Irrigation									Х	Х			
Laboratory and Clinical Wet Benches							х						
Leak Detection					Х					Х		х	х
Liquid Delivery Systems	х		Х	Х									
Metal Recovery and Landfill Leachate									х				
Mining Applications										Х			
Municipal Water Distribution										Х			
Neutralization Systems	х		Х						Х				
Potable Water													Х
Process and Coolant Flow						Х				Х		х	Х
Process Control											Х	х	Х
Process Water Metering	х		Х	Х					х		Х	х	
Pump Protection	Х		Х	Х				Х			Х	х	
Pure Water Production											Х	Х	Х
Reverse Osmosis	Х		Х	Х					Х				
River Water													Х
Scrubber Systems	х		Х	Х					Х	Х			
Textile Dyeing			**					Х				Х	Х
Turf Irrigation					Х								
Ultra-Pure Water measurement											Х	х	х
Wastewater Treatment										Х			
Water Dilution	х		Х					Х	Х				
Water and								,,					
Wastewater Monitoring Water Distribution	Х		Х	Х					Х	v			
Water Process Flow	v		V	V	v				v	X			
	Х		Х	Х	Х				Х	Х		v	V
Water/Glycol Solutions												Х	Х