

Union ends simplify installation and maintenance. With the Teflon® float option these meters are excellent for applications where no metal is preferred. Socket weld end connections available.



DESCRIPTION

Metering Tube	Molded polysulfone
Internal Components	316L SS, Teflon®, PVDF Polysulfone or Hastelloy® C-276
Fitting Material	Standard: PVC Optional: PVDF
Inlet/Outlet Fittings	FNPT, vertical
O-Ring	Standard: Viton® Optional: Buna N, EPR, and Kalrez®

PERFORMANCE

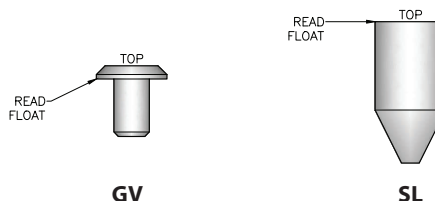
Capacities	Water (PVDF float) 0.5 GPM Water (Teflon® float) 1 to 100 GPM Water (Metal float) 1.5 to 160 GPM
Scale	127 mm (5") direct reading, detachable
Accuracy	± 3% of full scale flow ± 5% of full scale flow (120 & 150 GPM metal floats) ± 6% of full scale flow (Teflon® & PVDF floats)
Turndown	10:1
Repeatability	1/2% 1% (120 & 150 GPM Metal floats) 1% (Teflon® & PVDF floats)
Maximum Temperature	PVC fittings 130° F (54° C) PVDF fittings 200° F (93° C)
Maximum Pressure	PVC fittings 150 psig (sizes 41W - 72W) PVC fittings 125 psig (size 90W - 103W) PVDF fittings 150 psig (sizes 41W - 72W) PVDF fittings 125 psig (size 90W - 103W)
Ambient Temperature	33° F to 125° F (1° C to 52° C)

OPTIONS

Alarm	Latching Reed Switch (See page 60)
Certified Calibrations	Conform to ISA RP 16.6
Scales	Any volumetric unit

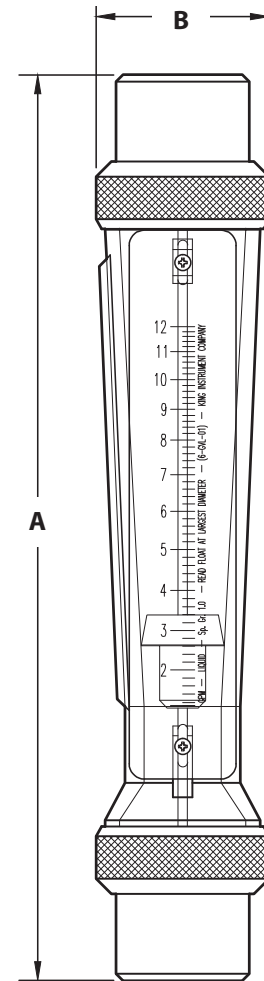
FLOATS

Options for rotameter float materials and designs extend flow ranges for different fluids within a given rotameter tube design.



Order Number	Flow Range Water	Float Material	Float Number	Float Type	Alarm Option
41W	.5 GPM	PVDF	4-TSL-01	SL	no
42W	1 GPM	Teflon®	4-TSL-02	SL	yes
43W	1.5 GPM	316L SS	4-SSL-01	SL	yes
44W	3 GPM	316L SS	4-SSL-02	SL	yes
45W	1.6 GPM	Hastelloy®	4-HSL-01	SL	yes
46W	3.2 GPM	Hastelloy®	4-HSL-02	SL	yes
51W	2.4 GPM	Teflon®	5-TSL-01	SL	yes
52W	5 GPM	Teflon®	5-TSL-02	SL	yes
53W	6 GPM	316L SS	5-SSL-01	SL	yes
54W	10 GPM	316L SS	5-SSL-02	SL	yes
55W	6.3 GPM	Hastelloy®	5-HSL-01	SL	yes
56W	10.6 GPM	Hastelloy®	5-HSL-02	SL	yes
61W	7.6 GPM	Teflon®	6-TSL-01	SL	yes
62W	10 GPM	Teflon®	6-TSL-02	SL	yes
63W	15 GPM	Teflon®	6-TSL-03	SL	yes
64W	20 GPM	Teflon®	6-TSL-04	SL	yes
65W	12 GPM	316L SS	6-GVL-01	GV	yes
66W	18 GPM	316L SS	6-SSL-02	SL	yes
67W	25 GPM	316L SS	6-SSL-03	SL	yes
68W	35 GPM	316L SS	6-SSL-04	SL	yes
69W	13 GPM	Hastelloy®	6-HSL-01	SL	yes
70W	19 GPM	Hastelloy®	6-HSL-02	SL	yes
71W	26.5 GPM	Hastelloy®	6-HSL-03	SL	yes
72W	37 GPM	Hastelloy®	6-HSL-04	SL	yes
90W	40 GPM	Teflon®	9-TSL-00	SL	yes
91W	60 GPM	Teflon®	9-TSL-01	SL	yes
92W	80 GPM	Teflon®	9-TSL-02	SL	yes
94W	100 GPM	Teflon®	9-TSL-04	SL	yes
99W	60 GPM	316L SS	9-SSL-00	SL	yes
95W	80 GPM	316L SS	9-SSL-01	SL	yes
96W	100 GPM	316L SS	9-SSL-02	SL	yes
97W	120 GPM	316L SS	9-SSL-03	SL	yes
98W	150 GPM	316L SS	9-SSL-04	SL	yes
100W	84 GPM	Hastelloy®	9-HSL-01	SL	yes
101W	106 GPM	Hastelloy®	9-HSL-02	SL	yes
102W	126 GPM	Hastelloy®	9-HSL-03	SL	yes
103W	160 GPM	Hastelloy®	9-HSL-04	SL	yes

DIMENSION DIAGRAM



Order Number	Dimensions (Inches)		Connection Size
	A	B	
41W - 46W	10.00	1.375	1/2" FNPT
51W - 56W	10.00	1.750	3/4" FNPT
61W - 72W	11.75	2.250	1" FNPT
90W - 103W	16.00	3.875	2" FNPT

CAUTION: Polysulfone should not be used in direct sunlight or any other significant sources of UV light.

ORDERING:

Use the following guide to determine the specific product number you require.

Meter Series	Fitting Material	Float Material	O-Ring Material	Optional Alarm*	Order Number
7 3 3 1	PVC* - 3 PVDF* - 7	316L SS - 2 Hastelloy® C-276 - 4 Teflon® - 6 PVDF - 7	EPR - 1 Buna-N - 2 Viton® - 3 Kalrez® - 4	No Alarm - 0 With Alarm - A	See Specification above

* Not for air service

* Flow rates may vary for meter with alarms and Teflon floats