

7330 Series

POLYSULFONE TUBE

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

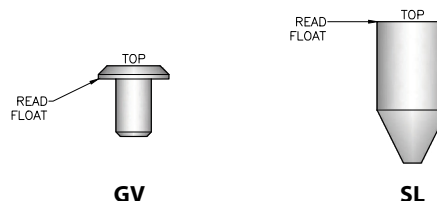
Capacities	Water (PVDF float) 0.5 GPM Water (Teflon® float) 1 to 100 GPM Water (Metal float) 1.5 to 160 GPM
Scale	127 mm (5") direct reading, detachable
Accuracy	± 3% of full scale flow ± 5% of full scale flow (120 & 150 GPM metal floats) ± 6% of full scale flow (Teflon® & PVDF floats)
Turndown	10:1
Repeatability	.5% 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.

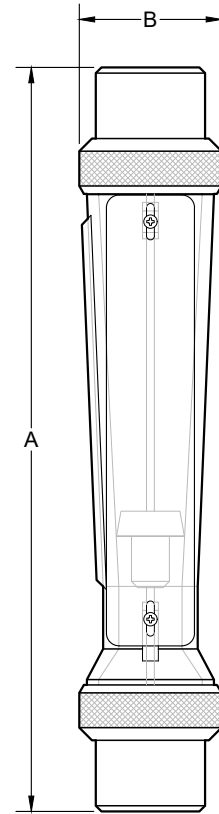


7330 Specifications

POLYSULFONE TUBE

Order Number	Flow Range Water	Float Material	Float Number	Float Type	Alarm Option	Connection Size FNPT
41W	.5 GPM	PVDF	4-TSL-01	SL	no	1/2"
42W	1 GPM	Teflon®	4-TSL-02	SL	yes	1/2"
43W	1.5 GPM	316L SS	4-SSL-01	SL	yes	1/2"
44W	3 GPM	316L SS	4-SSL-02	SL	yes	1/2"
45W	1.6 GPM	Hastelloy®	4-HSL-01	SL	yes	1/2"
46W	3.2 GPM	Hastelloy®	4-HSL-02	SL	yes	1/2"
51W	2.4 GPM	Teflon®	5-TSL-01	SL	yes	3/4"
52W	5 GPM	Teflon®	5-TSL-02	SL	yes	3/4"
53W	6 GPM	316L SS	5-SSL-01	SL	yes	3/4"
54W	10 GPM	316L SS	5-SSL-02	SL	yes	3/4"
55W	6.3 GPM	Hastelloy®	5-HSL-01	SL	yes	3/4"
56W	10.6 GPM	Hastelloy®	5-HSL-02	SL	yes	3/4"
61W	7.6 GPM	Teflon®	6-TSL-01	SL	yes	1"
62W	10 GPM	Teflon®	6-TSL-02	SL	yes	1"
63W	15 GPM	Teflon®	6-TSL-03	SL	yes	1"
64W	20 GPM	Teflon®	6-TSL-04	SL	yes	1"
65W	12 GPM	316L SS	6-GVL-01	GV	yes	1"
66W	18 GPM	316L SS	6-SSL-02	SL	yes	1"
67W	25 GPM	316L SS	6-SSL-03	SL	yes	1"
68W	35 GPM	316L SS	6-SSL-04	SL	yes	1"
69W	13 GPM	Hastelloy®	6-HSL-01	SL	yes	1"
70W	19 GPM	Hastelloy®	6-HSL-02	SL	yes	1"
71W	26.5 GPM	Hastelloy®	6-HSL-03	SL	yes	1"
72W	37 GPM	Hastelloy®	6-HSL-04	SL	yes	1"
90W	40 GPM	Teflon®	9-TSL-00	SL	yes	2"
91W	60 GPM	Teflon®	9-TSL-01	SL	yes	2"
92W	80 GPM	Teflon®	9-TSL-02	SL	yes	2"
94W	100 GPM	Teflon®	9-TSL-04	SL	yes	2"
99W	60 GPM	316L SS	9-SSL-00	SL	yes	2"
95W	80 GPM	316L SS	9-SSL-01	SL	yes	2"
96W	100 GPM	316L SS	9-SSL-02	SL	yes	2"
97W	120 GPM	316L SS	9-SSL-03	SL	yes	2"
98W	150 GPM	316L SS	9-SSL-04	SL	yes	2"
100W	84 GPM	Hastelloy®	9-HSL-01	SL	yes	2"
101W	106 GPM	Hastelloy®	9-HSL-02	SL	yes	2"
102W	126 GPM	Hastelloy®	9-HSL-03	SL	yes	2"
103W	160 GPM	Hastelloy®	9-HSL-04	SL	yes	2"

DIMENSION DIAGRAM



Order Number	Dimensions (Inches)	
	A	B
41W - 46W	10.00	1.375
51W - 56W	10.00	1.750
61W - 72W	11.75	2.250
90W - 103W	16.00	3.875

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	Alarm*	Order Number
7 3 3 1	PVC* - 3	316L SS - 2	EPR - 1	No Alarm - 0	See Specification
	PVDF* - 7	Hastelloy® C-276 - 4	Buna-N - 2	With Alarm - A	above
	* Not for air service	Teflon® - 6	Viton® - 3		
		PVDF - 7	Kalrez® - 4		

* FLOW RATES MAY VARY FOR METER WITH ALARMS AND TEFLON FLOATS