

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®

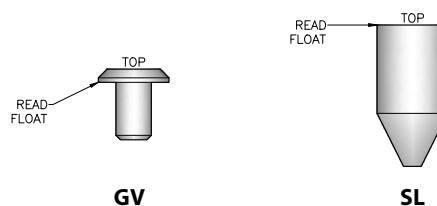
PERFORMANCE

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 41 - 72)
	PVC fittings	125 psig (size 90 - 103)
	PVDF fittings	150 psig (sizes 41 - 72)
	PVDF fittings	125 psig (size 90 - 103)
Ambient Temperature	33° F to 125° F (1° C to 52° C)	

OPTIONS

Alarm	Latching Reed Switch (Page 55)
Certified Calibrations	Conform to ISA RP 16.6
Scales	Any volumetric unit

FLOATS



7330 Specifications

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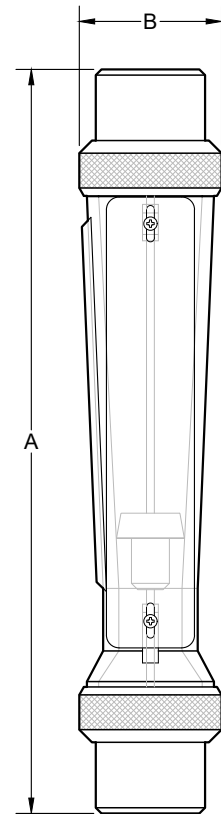
Order Number	Flow Range Water	Float Material	Float Number	Float Type	Alarm Option	Connection Size FNPT
41	.5 GPM	PVDF	4-TSL-01	SL	no	½"
42	1 GPM	Teflon®	4-TSL-02	SL	yes	½"
43	1.5 GPM	316L SS	4-SSL-01	SL	yes	½"
44	3 GPM	316L SS	4-SSL-02	SL	yes	½"
45	1.6 GPM	Hastelloy®	4-HSL-01	SL	yes	½"
46	3.2 GPM	Hastelloy®	4-HSL-02	SL	yes	½"
51	2.4 GPM	Teflon®	5-TSL-01	SL	yes	¾"
52	5 GPM	Teflon®	5-TSL-02	SL	yes	¾"
53	6 GPM	316L SS	5-SSL-01	SL	yes	¾"
54	10 GPM	316L SS	5-SSL-02	SL	yes	¾"
55	6.3 GPM	Hastelloy®	5-HSL-01	SL	yes	¾"
56	10.6 GPM	Hastelloy®	5-HSL-02	SL	yes	¾"
61	7.6 GPM	Teflon®	6-TSL-01	SL	yes	1"
62	10 GPM	Teflon®	6-TSL-02	SL	yes	1"
63	15 GPM	Teflon®	6-TSL-03	SL	yes	1"
64	20 GPM	Teflon®	6-TSL-04	SL	yes	1"
65	12 GPM	316L SS	6-GVL-01	GV	yes	1"
66	18 GPM	316L SS	6-SSL-02	SL	yes	1"
67	25 GPM	316L SS	6-SSL-03	SL	yes	1"
68	35 GPM	316L SS	6-SSL-04	SL	yes	1"
69	13 GPM	Hastelloy®	6-HSL-01	SL	yes	1"
70	19 GPM	Hastelloy®	6-HSL-02	SL	yes	1"
71	26.5 GPM	Hastelloy®	6-HSL-03	SL	yes	1"
72	37 GPM	Hastelloy®	6-HSL-04	SL	yes	1"
90	40 GPM	Teflon®	9-TSL-00	SL	yes	2"
91	60 GPM	Teflon®	9-TSL-01	SL	yes	2"
92	80 GPM	Teflon®	9-TSL-02	SL	yes	2"
94	100 GPM	Teflon®	9-TSL-04	SL	yes	2"
99	60 GPM	316L SS	9-SSL-00	SL	yes	2"
95	80 GPM	316L SS	9-SSL-01	SL	yes	2"
96	100 GPM	316L SS	9-SSL-02	SL	yes	2"
97	120 GPM	316L SS	9-SSL-03	SL	yes	2"
98	150 GPM	316L SS	9-SSL-04	SL	yes	2"
100	84 GPM	Hastelloy®	9-HSL-01	SL	yes	2"
101	106 GPM	Hastelloy®	9-HSL-02	SL	yes	2"
102	126 GPM	Hastelloy®	9-HSL-03	SL	yes	2"
103	160 GPM	Hastelloy®	9-HSL-04	SL	yes	2"

ORDERING:

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

7	3	3	1									
Meter Series	Fitting Material	Float Material	O-Ring Material	Alarm*	Order Number	Scale						
	PVC* - 3	316L SS - 2	EPR - 1	No Alarm - 0	See Specification	Water GPM - W						
	PVDF* - 7	Hastelloy® C-276 - 4	Buna-N - 2	With Alarm - A	above	Non Standard - N						
		Teflon® - 6	Viton® - 3									
		PVDF - 7	Kalrez® - 4									
* Not for air service				* FLOW RATES MAY VARY FOR METER WITH ALARMS AND TEFLON FLOATS								

DIMENSION DIAGRAM



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

CAUTION:

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