

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®

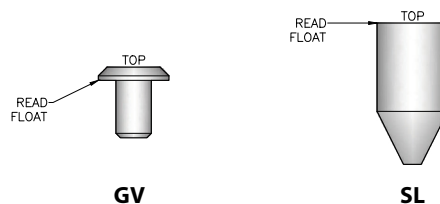
PERFORMANCE

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

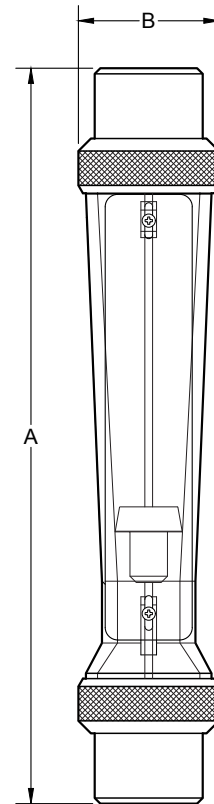


7330 Specifications

POLYSULFONE TUBE

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	1/2"
42	1 GPM	Teflon®	4-TSL-02	SL	yes	1/2"
43	1.5 GPM	316L SS	4-SSL-01	SL	yes	1/2"
44	3 GPM	316L SS	4-SSL-02	SL	yes	1/2"
45	1.6 GPM	Hastelloy®	4-HSL-01	SL	yes	1/2"
46	3.2 GPM	Hastelloy®	4-HSL-02	SL	yes	1/2"
51	2.4 GPM	Teflon®	5-TSL-01	SL	yes	3/4"
52	5 GPM	Teflon®	5-TSL-02	SL	yes	3/4"
53	6 GPM	316L SS	5-SSL-01	SL	yes	3/4"
54	10 GPM	316L SS	5-SSL-02	SL	yes	3/4"
55	6.3 GPM	Hastelloy®	5-HSL-01	SL	yes	3/4"
56	10.6 GPM	Hastelloy®	5-HSL-02	SL	yes	3/4"
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"

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

*64 (20 GPM) has an overall length of 12.00"

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	Scale
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	Water GPM - W Non Standard - N

*Not for air service

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