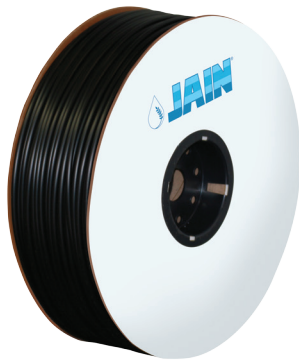


Irrigation Tubing



Distribution/Micro & Supply Tubing

Jain Irrigation uses the finest resins materials available to manufacture polyethylene supply tubing. Top quality materials are carefully processed with stringent adherence to quality standards. Multiple extrusion lines with a range of capabilities give great flexibility in producing product to meet orders. Distribution and Micro tubing extends emitter outlets to desired locations and fits over barbed outlet ports on fittings of emission devices.

Product Features

- Virtually every size is available in either polyethylene or flexible vinyl on weather resistant cardboard reels
- All Jain polyethylene tubing is manufactured using Union Carbide materials that offer the exclusive Fingerprint® identification feature and contain a minimum of 2% carbon black for UV protection
- Strict quality control procedures ensure highest uniformity and product quality
- Polyethylene and vinyl tubing are available in black (standard) and special colors (upon request)
- Complete information printed on the tubing indicates manufacturer, model number, dimensions, resin, and date of manufacture. As applicable, the coil length is also included.
- Hose may be ordered with holes pre-punched to ease field installation of emitters
- Convenient coil sizes and packaging to ease handling and installation
- The Industries Longest Warranty: 10 Years. (see price list for warranty details)



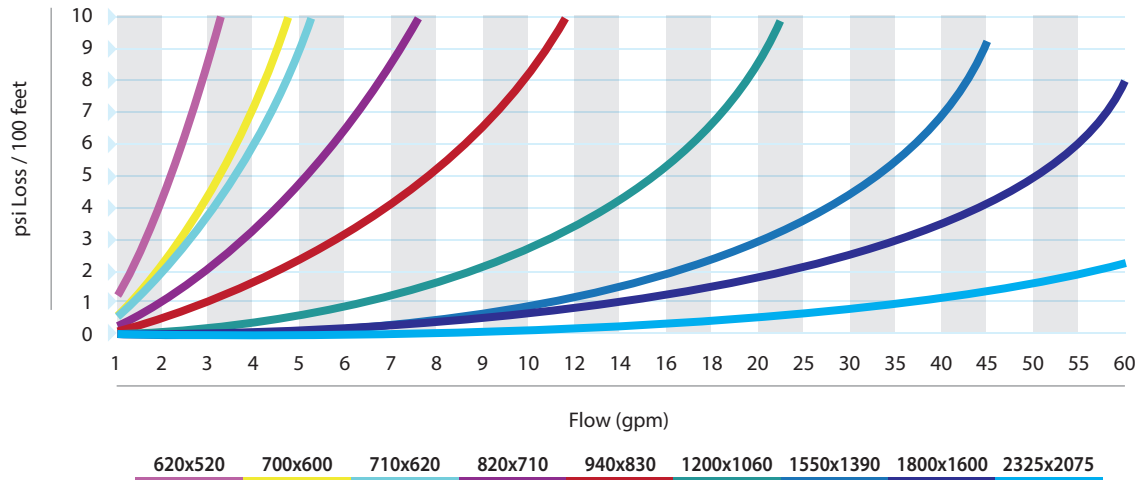
Flattened Tube Available

- Lower freight costs
- Less storage space
- More footage per truck



Supply Tubing

Flow vs. Pressure Loss



Supply Tubing Friction Loss and Velocity

gph	455x375		620x520		700x600		710x620		820x710	
	0.375		0.52		0.60		0.62		0.71	
	Friction Loss psi/100	Velocity fps	Friction Loss psi/100	Velocity fps	Friction Loss psi/100	Velocity fps	Friction Loss psi/100	Velocity fps	Friction Loss psi/100	Velocity fps
1	5.96	2.90	1.26	1.51	0.64	1.13	0.55	1.06	0.29	0.81
2	20.06	5.80	4.25	3.02	2.15	2.27	1.84	2.12	0.97	1.62
3	40.78	8.70	8.63	4.53	4.37	3.40	3.74	3.18	1.97	2.43
4	67.46	11.61	14.28	6.04	7.24	4.53	6.19	4.25	3.25	3.24
5			21.10	7.54	10.69	5.67	9.15	5.31	4.81	4.05
6			29.03	9.05	14.71	6.80	12.59	6.37	6.61	4.86
7			38.02	10.56	19.27	7.93	16.49	7.43	8.66	5.67
8					24.34	9.07	20.83	8.49	10.94	6.47
9					29.91	10.20	25.60	9.55	13.44	7.28
10							30.78	10.61	16.17	8.09
12									22.24	9.71
14									29.13	11.33

Green Boxes: Not Recommended to use tubing above 5 fps



Supply Tubing

Supply Tubing Friction Loss and Velocity

gph	940x830		1200x1060		1550x1390		1800x1600		2325x2075	
	0.83		1.06		1.39		1.6		2.075	
	Friction Loss	Velocity	Friction Loss	Velocity	Friction Loss	Velocity	Friction Loss	Velocity	Friction Loss	Velocity
	psi/100	fps	psi/100	fps	psi/100	fps	psi/100	fps	psi/100	fps
1	0.14	0.59	0.04	0.36	0.01	0.21	0.01	0.16	0.00	0.09
2	0.46	1.18	0.14	0.73	0.04	0.42	0.02	0.32	0.01	0.19
3	0.94	1.78	0.29	1.09	0.08	0.63	0.04	0.48	0.01	0.28
4	1.55	2.37	0.48	1.45	0.13	0.84	0.07	0.64	0.02	0.38
5	2.29	2.96	0.72	1.82	0.20	1.06	0.10	0.80	0.03	0.47
6	3.15	3.55	0.99	2.18	0.27	1.27	0.14	0.96	0.04	0.57
7	4.12	4.15	1.29	2.54	0.36	1.48	0.18	1.12	0.05	0.66
8	5.21	4.74	1.63	2.90	0.45	1.69	0.23	1.28	0.07	0.76
9	6.40	5.33	2.00	3.27	0.55	1.90	0.28	1.43	0.08	0.85
10	7.70	5.92	2.41	3.63	0.66	2.11	0.34	1.59	0.10	0.95
12	10.59	7.11	3.31	4.36	0.91	2.53	0.47	1.91	0.14	1.14
14	13.87	8.29	4.34	5.08	1.20	2.96	0.61	2.23	0.18	1.33
16	17.53	9.48	5.48	5.81	1.51	3.38	0.78	2.55	0.23	1.52
18	21.54	10.66	6.74	6.54	1.86	3.80	0.95	2.87	0.28	1.71
20			8.10	7.26	2.24	4.22	1.15	3.19	0.33	1.90
25			11.98	9.08	3.31	5.28	1.69	3.98	0.49	2.37
30			16.48	10.89	4.55	6.34	2.33	4.78	0.68	2.84
35					5.96	7.39	3.05	5.58	0.89	3.32
40					7.52	8.45	3.86	6.38	1.12	3.79
45					9.24	9.50	4.74	7.17	1.38	4.26
50							5.70	7.97	1.66	4.74
55							6.73	8.77	1.96	5.21
60							7.84	9.56	2.28	5.69

Green Boxes: Not Recommended to use tubing above 5 fps

