NAANDANJAIN
A JAIN IRRIGATION COMPANY

THIN WALLED DRIP TAPE

Turbo Tape

High-performance, superior clog resistance and cost effective drip tape.

APPLICATIONS

- Ideal for irrigation of closely spaced row crops like sugarcane, cotton, banana, strawberry, letttuce, cabbage, tomatoes, chillies, melons, cucumber, floriclture, vegetables and spices.
- For irrigation in greenhouses and shade houses
- SDI (sub-surface drip irrigation) and surface irrigation

STRUCTURE AND FEATURES

- Manufactured from special grade virgin plastic material. Make the tubing durable and gives best environmenal stress crack resistance.
- Clog resistant, wide labyrinth. **Hydrodynamically designed wide and turbulent labyrinth prevents squirting and makes the emitter clog resistant.**
- Self Cleaning Emitter. Emitter flexible bottom wall, expands and pushes any particulate matter that tend to block the flowpath.
- Dual entry filter segments allows water entry from two opposite sides maintaining unobstructed water flow.
- Multiple and fine inlet filters act as a filter preventing the entrance of contaminants.
- Two parallel yellow stripes helps for easy installation ensuring upright positioning of the outlets.
- Excellent CV manufacturer's coefficient of variation, ensure best field emission uniformity.
- Filtration Recommendation: 130 micron (120 mesh)
- Available in 12, 16, 17, 19, 20, 22 and 25 mm diameters

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TURBO TAPE Technical data

Nominal diameter (mm)	Wall thickness (mm)	Wall thickness (mil)	OD (mm)	ID (mm)	Max. operating pressure (bar)	Max. flushing pressure (bar)
12	0.15	6	12.1	11.8	1.1	1.7
12	0.20	8	12.2	11.8	1.5	2.3
12	0.25	10	12.3	11.8	1.8	2.7
12	0.30	12	12.4	11.8	2.2	3.3
12	0.38	15	12.6	11.8	2.7	4.1
12	0.45	18	12.7	11.8	3.3	5.0
12	0.50	20	12.8	11.8	3.6	5.4
12	0.60	24	13.1	11.8	4.5	6.8
16	0.13	5	16.15	15.9	0.6	1.0
16	0.15	6	16.2	15.9	0.6	1.2
16	0.20	8	16.3	15.9	1.1	1.7
16	0.25	10	16.4	15.9	1.4	2.1
16	0.30	35	16.5	15.9	1.6	2.4
16	0.38	35	16.7	15.9	2	3.0
16	0.45	8	16.8	15.9	2.4	3.6
16	0.50	10	16.9	15.9	2.7	4.1
16	0.60	12	17.2	15.9	3.4	5.1
17	0.13	5	16.35	16.1	0.6	2.0
17	0.15	6	16.4	16.1	0.8	1.2
17	0.20	8	16.5	16.1	1.1	1.7
17	0.25	10	16.6	16.1	1.4	2.1
19	0.15	6	19.3	19	0.7	1.1
19	0.20	8	19.4	19	0.9	1.4
19	0.25	10	19.5	19	1.1	1.7
25	0.15	6	25.3	25	0,5	0.8
25	0.20	8	25.4	25	0.7	1.1
25	0.25	10	25.5	25	0.9	1.4
25	0.30	12	25.6	25	1.1	1.7
25	0.38	15	25.8	25	1.3	2.0
25	0.45	18	25.9	25	1.6	2.4
25	0.50	20	26.0	25	1.8	2.7
25	0.60	24	26.3	25	2.2	3.3

TURBO TAPE Flow rates and spacing

Outlet Spacing cm	Flow rates at 0.7 bar		Flow rates at 1.0 bar	
	l/h/100m	l/h/outlet	l/h/100m	l/h/outlet
0.50 l/h at 0.7 bar				
10	500	5.9	0.5	0.59
15	330	3.9	0.5	0.59
20	250	2.9	0.5	0.59
30	170	2.0	0.5	0.59
0.85 l/h at 0.7 bar				
10	850	10.0	0.85	1.00
15	570	6.7	0.85	1.00
20	430	5.0	0.85	1.00
30	280	3.3	0.85	1.00
0.95 l/h at 0.7 bar				
10	950	11.2	0.95	1.12
15	630	7.5	0.95	1.12
20	480	5.6	0.95	1.12
30	320	3.7	0.95	1.12
1.1 l/h at 0.7 bar				
10	1100	13.0	1.1	1.30
15	730	8.6	1.1	1.30
20	550	6.5	1.1	1.30
30	370	4.3	1.1	1.30
1.3 l/h at 0.7 bar				
10	650	7.7	1.3	1.53
15	430	5.1	1.3	1.53
20	330	3.8	1.3	1.53
30	260	3.1	1.3	1.53
1.6 l/h at 0.7 bar				
10	800	9.4	1.6	1.89
15	530	6.3	1.6	1.89
20	400	4..7	1.6	1.89
30	320	3.8	1.6	1.89
2.1 l/h at 0.7 bar				
10	1050	12.4	2.1	2.47
15	700	8.2	2.1	2.47
20	530	6.2	2.1	2.47
30	420	4.9	2.1	2.47