

Polytube (lateral pipe)

Features & benefits :

- Polytube is manufactured by using advanced Israeli technology.
- Made of special grade LLDPE material.
- No effect of UV radiations.
- No environment effects.
- Smooth inner surface minimizes frictional losses.
- Excellent flow characteristics.

Applications :

- For online drip irrigation in open field with dripper.
- For installation of microjets, foggers, misters in green houses, poly houses & net houses.
- As a connecting tube between sub-main & inline.
- For installation of micro & mini sprinklers.

Operative guidelines :

- Use Kothari drip fittings to have maximum results.
- Use continuous acting air valve on submain.

Ordering guide for polytube :

Product	Diameter (mm)	Class	Std roll packing (Mtr)
Polytube	12	CL-1 / CL-2 / CL-3	100 / 500
	16	CL-1 / CL-2 / CL-3	100 / 500
	20	CL-1 / CL-2 / CL-3	100 / 250
	25	CL-1 / CL-2 / CL-3	300
	32	CL-1 / CL-2 / CL-3	200

*Example : Polytube 16mm, CL-2, 500 Mtr roll



IS 12786 - 2024

Technical Specifications :

Dimension of PE pipes for irrigation polytube as per is : 12786-1989										
Out side dia(mm)	Nominal tolerance on out side dia(mm)	Wall thickness of pipe in mm								
		Class - 1			Class - 2			Class - 3		
		MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG
12	0.2 (+)	0.6	0.8	0.7	0.9	1.1	1	1.2	1.4	1.3
16	0.2 (+)	0.8	1	0.9	1.1	1.3	1.2	1.4	1.6	1.5
20	0.2 (+)	0.9	1.1	1	1.2	1.4	1.3	1.5	1.7	1.6
25	0.3 (+)	1.2	1.6	1.4	1.7	2	1.85	2.1	2.4	2.3
32	0.3 (+)	1.5	1.9	1.7	2	2.4	2.2	2.5	2.9	2.7