

# Jain Poly™

## Slim

More Crop Per Drop®



We are pleased to launch another quality product “Jain Poly Slim™”.

**Jain Poly Slim™** is a superior product, which has same service life as Jain Tough Hose (Polytube). The performance & service life of **Jain Poly Slim™** is best in the Micro Irrigation Industry. **Jain Poly Slim™** is competitively priced so as to optimise per acre cost of online drip irrigation system. **Jain Poly Slim™** will certainly help you to get an edge over competition.

### Features

- **Jain Poly Slim™** is an ID based (inside diameter) polytube. Constant ID ensures stable hydraulic parameters like pressure loss, running length etc.
- Manufactured from virgin high performance polymer which allows to withstand higher working pressure. Bursting pressure is 4 times greater than nominal operating pressure.
- It has unique two parallel blue stripes, symbol of quality product from Jain.
- Available in spool packaging.



### Quality Assurance for Jain Poly Slim

Manufactured as per Jain Quality Standard which assures stringent quality parameters for best field performance.

Every batch of Jain Poly Slim is tested for following parameters.

- **Environmental Stress Crack Resistance (ESCR):** Assures tubes sustenance against harsh environmental conditions.
- **Carbon Black Dispersion:** This test ensures resistance to ultra violet (UV) rays of Sun.
- **Internal Pressure Creep Rupture:** This test assures pressure withstanding capacity of the tubing.
- **Reversion:** This test checks whether the dimensions of the tubing remains stable within the permissible limits when exposed to high temperature ( $100 \pm 2^\circ \text{C}$ ) and cooled back to atmospheric temperature.
- **Tensile:** This test ensures the resistance of the tubing against tensile load or pulling load.





## Specifications of Jain Poly Slim™

- Available in 12 mm, 16 mm & 20 mm Nominal Diameters.

Code	Pressure Class	Nominal Diameter (mm)	Inside Diameter (mm)	Wall Thickness (mm)	Coil Length (m)
PSTI121500	Class 1	12	10.50	0.50	500
PSTI161300	Class 1	16	14.20	0.60	300
PSTI201250	Class 1	20	18.00	0.70	250
PSTI122500	Class 2	12	10.50	0.60	500
PSTI162300	Class 2	16	14.20	0.70	300

- Available in two pressure classes,

Pressure Class	Nominal Working Pressure, kg/cm <sup>2</sup>	Bursting Pressure, kg/cm <sup>2</sup>
Class 1	2.0	8.0
Class 2	2.5	10.0

- Fittings for **Jain Poly Slim™** - Standard Jain Emitting Pipe Fittings.
- Punch to be used with **Jain Poly Slim™** will be 2.5mm size (Code SPR25 or SHP25).
- For better life and multiple uses, it is recommended to use winder while laying and winding.
- While using **Jain Poly Slim™** as a startup lateral use poly elbow to avoid pinching / folding of Poly Slim.

## Applications

- Polytube for online drip system.
- As startup lateral between Dripline tubing and takeoff.

**Note:** - Dimensions of Jain Poly Slim are customized and made as per Company Standard.

- **Jain Poly Slim™ is not eligible for subsidy proposals.**



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