

Mini Valve

The Mini Valve is engineered for a secure and leak-free connection in irrigation systems, providing reliable performance with lateral pipes. Designed with a barb fitting for easy gripping of PE tubing, it ensures smooth operation under pressure, with a pressure rating of up to 4 Bar. This valve offers a color-coded design for quick identification and a tight, tool-free connection.



HIGHLIGHTS

- **Barb Design:** Ensures a secure grip on lateral pipes without leakage.
- **Pressure Rating:** Rated for up to 4 Bar, maintaining performance under pressure.
- **Quick Installation:** Drip tubing is easily pushed into the fitting for a tight, obstruction-free connection.
- **No Tools Required:** Ultra-tight fit without the need for tools, glue, or clamps.
- **Leak-Free Operation:** Excellent gripping prevents slipping and leakage at both high and low pressures.
- **Durability:** Ultrasonically welded grippers ensure no leakage and long service life.
- **Material Strength:** Impact, UV, and chemical-resistant for lasting performance.

APPLICATIONS

- **Irrigation Systems:** Ideal for connecting lateral pipes in drip irrigation systems.
- **Leak Prevention:** Ensures a leak-free connection under varying pressure conditions.
- **Easy Installation:** Quick and easy push-fit design for efficient setup in irrigation networks.
- **Durable for Outdoor Use:** Resistant to harsh environmental conditions, including UV exposure and chemical wear.



Technical Data

Model No		Drip Line Valve	Lateral Valve			
		Barb x Barb	Barb x Barb	Male Thread x Barb	Female Thread x Barb	Male Thread x Male Thread
Inlet Connection		16 mm	12, 16 & 20 mm	1/2" / 3/4" - 12,16 & 20mm	1/2" / 3/4" - 12,16 & 20mm	1/2" / 3/4"
Maximum Working Pressure	BAR	4				
	PSI	56				
Connection	Type	Barb x Barb	Barb x Barb	Male Threaded (BSP/NPT) x Barb	Female Threaded (BSP/NPT) x Barb	Male/Female Threaded (BSP/NPT)
Material of Constructions		POM	PPGF	PPGF	PPGF	PPGF

All combination of Lateral valves are as below:

SN	Barb x Barb	Male Thread x Barb	Female Thread x Barb	Male Thread x Male Thread
1	12mm x 12mm	1/2" Male Thread x 12mm	1/2" Female Thread x 12mm	1/2" Male Thread x 1/2" Male Thread
2	16mm x 16mm	1/2" Male Thread x 16mm	3/4" Female Thread x 12mm	3/4" Male Thread x 3/4" Male Thread
3	20mm x 20mm	1/2" Male Thread x 20mm	3/4" Female Thread x 16mm	
4	12mm x 16mm	3/4" Male Thread x 12mm	3/4" Female Thread x 20mm	
5	12mm x 20mm	3/4" Male Thread x 16mm		
6	16mm x 20mm	3/4" Male Thread x 20mm		



Lateral Valves



Drip Line Valves