

# TURBO-JET

## CONNECTORS



4/7 barb



parallel



quick thread

## Low-maintenance micro-jet

### APPLICATIONS

- For orchard, vineyard and landscape irrigation



## STRUCTURE AND FEATURES

- Low maintenance emitter
- High resistance to clogging
- Diverse distribution patterns and wetted diameters
- Easy to open and clean
- Unique nozzle structure creates turbulent flow and wide water pathways
- Large number of nozzle and spreader combinations

## TECHNICAL DATA

- Recommended working pressure: 1.0-3.5 bar
- Flow rate: 16-110 l/h
- Filtration requirements:  
black, orange and blue nozzles -130 microns (120 mesh)  
violet, green and red nozzles -200 microns (80 mesh)

### FLOW RATES BY NOZZLE (l/h)

Pressure (bar)	Nozzle color/diameter (mm)					
	Black 0.80	Orange 1.00	Blue 1.15	Violet 1.30	Green 1.40	Red 1.65
1.0	16	23	31	40	48	62
1.4	19	28	37	47	57	76
2.0	23	33	43	56	69	88
2.5	25	36	47	63	75	98
3.0	27	38	50	69	80	105
3.5	29	41	53	74	85	111

## DISTRIBUTION PATTERNS AND DIAMETERS (m)

TESTED AT 1.4 & 2.0 bar, 0.25 m HEIGHT

Nozzle color	Static Spreaders																	
	Strip		300°		12 jets		16 jets		20 jets		180° (radius)		Inverted*		Flat (no jets)		Strip flat (no jets)	
	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar
Black	2.7	3.0	3.2	3.8	3.4	4.1	3.1	4.2	3.4	3.2	1.5	2.2	2.8	3.0	2.2	2.2	2.3	2.4
Orange	3.0	3.7	4.0	4.4	4.3	4.7	4.0	5.6	3.6	4.0	1.8	2.3	3.2	3.8	2.3	2.4	2.4	2.5
Blue	3.7	4.2	4.8	5.6	4.6	4.9	4.2	6.0	3.8	4.4	2.2	2.4	3.8	4.8	2.4	2.6		
Violet	4.2	5.4	5.0	5.8	4.8	5.2	4.3	6.0	4.0	5.0	2.2	2.5	4.6	5.2	2.6	3.0		
Green	4.2	5.4	5.4	6.0	5.2	5.9	4.5	6.2	4.2	5.4	2.3	2.7	4.9	5.4	2.8	3.2		
Red	4.8	6.1	6.6	7.6	5.6	6.6	5.4	7.2	5.0	6.2	2.4	2.8	5.2	5.8	3.0	3.4		

\*Tested at 0.6 m height