

# Micro Sprinkler PC

## Micro-Irrigation



### Application:

Toro's pressure compensating Micro Sprinkler PC is specifically designed for orchards, vineyards, and nursery applications where undulating terrain and long lateral lengths are challenging. Its unique pressure compensating design provides uniform flows and diameters over a wide range of operating pressures. The Micro Sprinkler PC now has a wider diameter of throw than Toro's previous micro sprinklers.

### Features and Benefits

- Wide diameter of throw from 16 feet to 31 feet, depending on sprinkler
- Pressure compensating sprinkler provides uniform flow over a wide range of operating pressures: 20 psi – 60 psi
- Low angle of throw for maximizing under foliage irrigation
- Easy identification in eight color coded flow rates ranging from 9 GPH – 40 GPH
- Snap-fit bearing provides easy field inspection and maintenance
- Improved distribution characteristics with large droplet size, less susceptible to wind
- Anti-insect/dust proof spinner retracts to protect nozzle when not in operation
- Optional break off deflector tab allows the sprinkler to be placed near a newly planted tree to concentrate water where the roots are developing
- Fully assembled models available with pre-installed tube and stake

### Micro Sprinkler PC Specifications

**Inlet:** 3/8" MPT (10 mm MBSP/ NPT)

**Materials:** Frame, bearing, and nozzle: Acetal.  
Spinner: Nylon. Diaphragm: Rubber.

#### Assemblies:

Use 4 mm tube and stake (IPS1004)

**Recommended Operating Pressure:** 20 psi – 60 psi



# MICRO SPRINKLER PC

The latest generation Micro Sprinkler PC pressure compensating sprinkler is suitable for various applications, including under tree irrigation, overhead irrigation, vegetables, vineyard, orchards and greenhouse applications. This innovative micro sprinkler can also be used for overhead frost protection.

The diverse Micro Sprinkler PC range delivers a spray pattern that suits a wide range of crops to meet growers' needs.



Model	With Deflector Tab No.	Nozzle Color	Pressure		Flow Rate		Diameter		Diameter with Deflector Tab	
			Psi	Bar	gph	lph	Feet	Meters	Feet	Meters
MS7PC9	MS7PC9D	Black	20	1.38	9.0	34	15.7	4.8	0.98	0.3
			30	2.07	9.8	37	19.7	6.0		
			40	2.76	9.2	35	19.0	5.8		
			50	3.45	9.5	36	18.4	5.6		
			60	4.14	9.8	37	19.7	6.0		
MS7PC12	MS7PC12D	Lt-Blue	20	1.38	11.6	44	18.4	5.6	1.64	0.5
			30	2.07	13.2	50	23.0	7.0		
			40	2.76	12.2	46	21.0	6.4		
			50	3.45	12.4	47	21.7	6.6		
			60	4.14	12.7	48	22.3	6.8		
MS7PC15	MS7PC15D	White	20	1.38	13.7	52	18.4	5.6	2.30	0.7
			30	2.07	15.3	58	22.3	6.8		
			40	2.76	14.8	56	21.0	6.4		
			50	3.45	15.6	59	23.0	7.0		
			60	4.14	15.9	60	23.6	7.2		
MS7PC20	MS7PC20D	Maroon	20	1.38	18.8	71	22.3	6.8	2.30	0.7
			30	2.07	20.3	77	25.6	7.8		
			40	2.76	19.3	73	23.6	7.2		
			50	3.45	19.6	74	24.3	7.4		
			60	4.14	20.1	76	24.3	7.4		
MS7PC26	MS7PC26D	Green	20	1.38	24.6	93	24.9	7.6	2.30	0.7
			30	2.07	26.2	99	27.6	8.4		
			40	2.76	24.8	94	25.6	7.8		
			50	3.45	25.6	97	26.9	8.2		
			60	4.14	26.7	101	28.2	8.6		
MS7PC31	MS7PC31D	Purple	20	1.38	30.6	116	26.9	8.2	2.30	0.7
			30	2.07	30.9	117	27.6	8.4		
			40	2.76	29.3	111	23.6	7.2		
			50	3.45	30.4	115	24.9	7.6		
			60	4.14	31.4	119	24.9	7.6		
MS7PC35	MS7PC35D	Blue	20	1.38	34.3	130	28.2	8.6	2.62	0.8
			30	2.07	36.2	137	30.2	9.2		
			40	2.76	33.8	128	26.9	8.2		
			50	3.45	35.1	133	28.9	8.8		
			60	4.14	36.5	138	30.8	9.4		
MS7PC40	MS7PC40D	Grey	20	1.38	38.6	146	26.2	8.0	3.28	1.0
			30	2.07	40.7	154	28.2	8.6		
			40	2.76	38.0	144	26.2	8.0		
			50	3.45	39.1	148	26.9	8.2		
			60	4.14	40.7	154	28.2	8.6		

