Micro Spray Jets: Caps and Bases

A large variety of flow rates and spray patterns are achievable when the range of caps and bases are assembled into two piece jets.

Features

- Caps available in eight spray patterns.
- Six color coded bases to identify flow rate.
- Jet assemblies made to order.
- Caps and bases can be ordered separately.
- Available in 10-32 UNF thread Hexagon Base.
- Threaded for installation on Asta® Stakes, Asta® Stake Adapters, Micro Stake Assemblies and Rigid Risers.

Applications

Assemblies suit garden bed watering and landscape areas.

Hexagon Jet Base
10-32 UNF Thread
0.06" Red

360°
18 hole

360°
15 hole

360°
12 hole

300°
10 hole

270°
(3 x 90°)

180°
fan

90°
fan

Strip
(2 x 20°)

Ordering Information - Spray Caps *(Refer to page 18 for Performance Chart)*

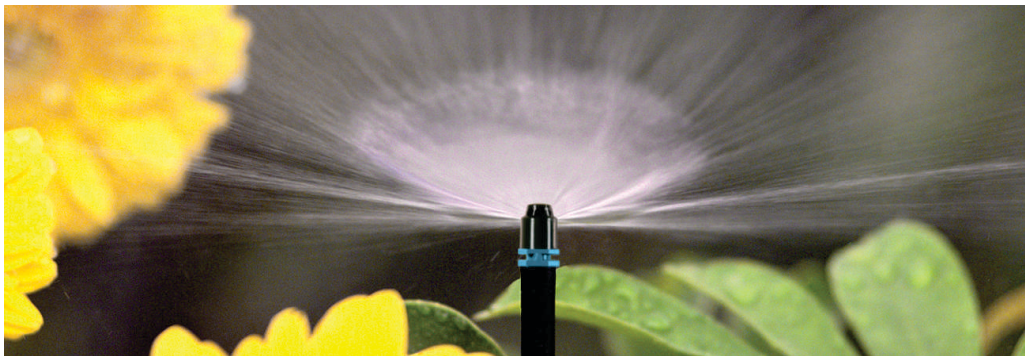
Spray Pattern	Cap Color	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
360° x 18 hole	**Black**	**10845**	100	50	3.6
360° x 15 hole	**Black**	**10855**	100	50	3.6
360° x 12 hole	**Black**	**10865**	100	50	3.6
300° x 10 hole	**Black**	**10875**	100	50	3.6
270° (3 x 90°)	**Black**	**10835**	100	50	3.6
180° fan	**Black**	**10825**	100	50	3.6
90° fan	**Black**	**10815**	100	50	3.6
Strip (2 x 20°)	**Black**	**10885**	100	50	3.6

Ordering Information - Jet Bases *(Refer to page 18 for Performance Chart)*

Nozzle Size & Color	Base Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
0.03" **Black**	Hexagon	**10905**	100	50	5.6
0.04" **Blue**	Hexagon	**10915**	100	50	5.6
0.05" **Green**	Hexagon	**10935**	100	50	5.6
0.06" **Red**	Hexagon	**10955**	100	50	5.6
0.08" **Gray**	Hexagon	**10945**	100	50	5.6
0.09" White	Hexagon	**10985**	100	50	5.6

Specifications - Caps and Bases

Dimensions	Cap	Base Hexagon
HEIGHT	0.35"	0.8"
WIDTH	0.32"	across flats 0.5"
WEIGHT (approx.)	0.007 oz	0.02 oz
UV STABILIZED MATERIALS	acetal	acetal
BASE/CONNECTION TYPE: INLET		thread 10-32 UNF



Micro Spray Jets: Performance & Flow Rates

Pattern			360° x 18	360° x 15	360° x 12	300° x 10	270° (3 x 90°)	Strip (2 x 20°)	90°	180°	Mist
Minimum opening size *			0.02"	0.02"	0.03"	0.03"	0.05"	0.05"	0.06"	0.06"	0.05"
Color & Nozzle Size	Pressure (psi)	Flow (gph)	Diameter (ft)						Radius (ft)		Diameter (ft)
0.03" Black	10	4.7	10.2	9.2	9.5	5.9	10.9	10.4	4.4	4.4	
	15	5.9	13.4	10.6	10.7	11.0	11.4	14.1	5.7	5.0	
	20	6.9	14.7	11.5	12.5	14.8	*9.2*	16.8	6.6	5.4	
	25	7.8	15.6	12.4	13.7	17.5	*9.2*	18.9	7.2	*5.6*	
	30	8.6	16.4	14.0	15.5	20.0	*8.8*	19.9	7.7	*6.7*	
0.04" Blue	10	7.0	13.4	10.5	11.2	10.9	12.5	11.5	5.2	5.2	
	15	8.9	15.8	12.6	14.6	16.3	13.3	15.9	6.7	6.0	
	20	10.5	18.2	14.8	16.4	21.4	10.6	17.7	7.7	6.4	
	25	12.0	19.6	17.5	17.6	25.3	11.1	19.0	8.5	6.6	
	30	13.3	20.4	20.9	23.0	28.6	10.6	19.0	9.2	7.0	
0.05" Green	10	11.5	17.4	15.8	13.0	12.8	11.0	15.5	5.8	5.7	
	15	14.5	21.1	19.1	16.7	18.8	11.5	19.3	7.4	6.6	
	20	17.2	22.5	20.0	19.1	22.5	12.0	22.4	8.4	7.2	
	25	19.5	23.3	22.1	20.3	25.4	12.1	25.4	9.1	7.8	
	30	21.5	23.8	26.1	23.5	26.4	12.3	28.3	9.6	8.4	
0.06" Red	10	16.3	18.4	15.9	15.6	16.4	11.1	17.8	6.4	6.7	
	15	20.0	22.6	20.1	20.9	18.1	12.6	21.9	8.1	8.1	
	20	23.5	25.7	23.6	26.0	24.8	14.0	27.5	9.4	9.5	
	25	26.0	26.7	27.2	30.5	32.4	15.0	31.8	9.8	10.1	
	30	29.0	26.3	29.4	33.5	34.5	15.8	35.8	10.8	10.6	
0.08" Gray	10	25.0	20.1	19.2	20.9	17.6	13.6	22.2	6.8	6.8	
	15	31.0	24.6	25.4	27.3	24.7	15.2	31.6	8.7	8.3	
	20	35.5	25.9	29.9	31.6	28.9	*16.4*	37.8	9.9	9.7	
	25	40.0	26.0	33.8	36.4	31.4	*17.3*	42.3	10.5	10.5	
	30	44.0	25.0	37.0	39.9	35.3	*16.7*	43.5	10.9	10.9	
0.09" White	10	35.5	19.4	19.4	23.7	16.1	14.8	23.2	7.7	7.8	
	15	44.0	23.3	26.7	30.8	23.1	18.0	30.0	10.0	9.3	
	20	51.0	23.8	31.9	36.5	29.9	20.7	34.5	11.3	10.5	
	25	57.0	*23.4*	36.5	40.4	33.3	*23.4*	37.3	12.1	12.3	
	30	63.0	*22.7*	37.8	43.2	35.3	*25.8*	39.9	12.6	13.2	
0.014" Yellow	10	4.0									3.0
	15	4.8									2.6
	20	5.6									2.9
	25	6.2									2.8
	30	6.8									2.6

** Minimum opening size for Base and Cap given to assist filtration selection.*
Ghosted figures indicate a change of performance from spray to mist.