

PLASTIC DEFLECTED TIP



APPLICATION

Cooling Conveyor Belts
Film Washing
Water Curtain

DESCRIPTION

The plastic deflected nozzle tip produces a wide flat fan spray pattern with uniform distribution, the spray is deflected 75° from inlet of orifice. The spray tip is a one piece construction, a three part assembly completes the nozzle assembly, comprising: nozzle body, retaining cap and spray tip.

MATERIALS AVAILABLE

Polyacetal
PVDF

AVAILABLE SPRAY ANGLES

80°, 95°, 105°, 110°, 120°, 145°

ORDERING EXAMPLE

Plastic deflector Tip – PVDF 3-110°

FEATURES

- Wide –angle flat spray pattern with uniform distribution
- Spray deflected 75° from nozzle inlet
- Tips are one piece construction
- Tips can be assembled with nozzle bodies, strainer and retaining cap
- Unobstructed flow passage minimises clogging

WIDE FLAT FAN SPRAY PATTERN WITH A UNIFORM DISTRIBUTION

Tip Reference	Flow (L/min) @ Pressure (bar)							Available Spray Angle					
	0.5	1.0	1.5	2.0	2.5	3.0	4.0	80	95	105	110	120	145
0.50	0.16	0.23	0.28	0.32	0.36	0.39	0.46	☒					
0.75	0.24	0.34	0.42	0.48	0.54	0.59	0.68		☒				
1.0	0.32	0.46	0.56	0.64	0.72	0.79	0.91			☒			
1.5	0.48	0.68	0.84	0.97	1.08	1.18	1.37			☒			
2.0	0.64	0.91	1.12	1.29	1.44	1.58	1.82			☒			
2.5	0.81	1.14	1.40	1.61	1.80	1.97	2.28				☒		
3.0	0.97	1.37	1.68	1.93	2.16	2.37	2.74				☒		
4.0	1.29	1.82	2.23	2.58	2.88	3.16	3.65					☒	
5.0	1.61	2.28	2.79	3.22	3.60	3.95	4.56						☒
7.5	2.42	3.42	4.19	4.84	5.41	5.92	6.84						☒
10	3.22	4.56	5.58	6.45	7.21	7.90	9.12						☒
15	4.84	6.84	8.38	9.67	10.81	11.84	13.68						☒
20	6.45	9.12	11.17	12.89	14.42	15.79	18.24						☒

