

MCN

INDUSTRIAL SPRAY NOZZLES - SPECIAL PURPOSE

Spray Nozzles & Showers

For the Pulp & Paper Industry

Design Features

- The type MCN is a cone spray nozzle available in a variety of spray angles. These compact nozzles permit maximum liquid throughput for a given pipe size and the free passage design minimizes clogging
- The compact size can be installed or retrofitted on most pipe systems
- Flow capacity at 0.7 bar ranges from 2.6 to 2150 litres/min at 7 bar
- Sizes 1/4"94 to 2"94 in NPT or BSP male threads and are available in Brass or Stainless Steel
- Nozzles are used in the pulp & paper industry with process water
- Clog-resistant spiral design
- Compact design; fits small openings
- Easy to maintain



CAPACITY CHARTS

PERFORMANCE DATA

Thread size Male		Orifice Dia (mm)	Free Passage Dia (mm)	Capacity (litres per minute)		
NPT	BSPT			0.7 Bar	1.5 Bar	3 Bar
		2.4	2.4	2.6	3.9	5.5
1/4	1/4	3.2	3.1	4.9	7.3	10.3
		4	3.2	7.6	11.2	15.8
		2.4	2.4	2.6	3.9	5.5
		3.2	3.2	4.9	7.3	10.3
		4	3.2	7.6	11.2	15.8
3/8	3/8	4.8	3.2	11.4	16.7	24
		5.6	3.2	15.1	22	32
		6.4	3.2	20	30	42
		7.9	3.2	31	46	65
1/2	1/2	9.5	4.8	45	67	95
		11.1	4.8	62	92	129
3/4	3/4	12.7	4.8	80	117	166
1	1	15.9	6.4	130	190	270
		19.1	6.4	179	260	370
		22.2	7.9	245	355	505
1 1/2	1 1/2	25.4	7.9	310	455	645
		28.6	7.9	365	535	755
2	2	34.9	11.1	535	780	1105
		38.1	11.1	680	995	1405