

***IMPLAS* SDN BHD**

## SPRAY NOZZLE



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# SPIRAL JET SPRAY NOZZLE

## Overview

Spiral jet spray nozzle produces a full-cone spray pattern, with a comparatively smaller droplet size. The spiral design allows the development of a spiral shaped sheet, resulting in a more comprehensive distribution across a surface area, in addition to its fine atomization of liquid. Available in spray angle 120° in size 3/8", 1/2", 3/4", 1", 1.5" and 2".



## Common Applications

Gas scrubbing (including flue gas desulfurization), gas cooling, washing and rinsing, etc.

## Features

- Clog resistant  
*Due to large free passage*
- High energy efficiency

## Performance Data

Model	SN038	SN012	SN034	SN100	SN112	SN200
Size (inch)	3/8	1/2	3/4	1	1.5	2
Capacity Size	82	164	210	470	960	1780
Orifice Dia. (mm)	7.9	11.1	12.7	19.1	28.6	38.1
Free Passage Dia. (mm)	3.2	4.8	4.8	6.3	7.9	11.1
Length (mm)	55	65	79	93	110	150
Specific Weight (g)						
PVC	6	11	25	48	-	-
PP	4	7	15	29	47	117
Colours Available						
Black ■	✓	✓	✓	✓	-	-
White □	✓	✓	✓	✓	✓	✓
0.7 bar	31	62	80	179	365	680
1.5 bar	46	92	117	260	535	995
3 bar	65	129	166	370	755	1405
7 bar	99	198	255	565	1160	2150
25 bar	187	370	480	1070	2190	4060

1. Dimension varies depending on process parameters
2. Capacity is rounded up to the closest value

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