



MOLDED S SERIES NOZZLE SPECIFICATIONS

NOZZLE TYPE	Dim. D	Dim. H	Dim. L
$\frac{1}{8}$ S	0.62	$\frac{9}{16}$	0.81
$\frac{1}{4}$ S	0.62	$\frac{9}{16}$	0.96
$\frac{3}{8}$ S	0.77	$\frac{11}{16}$	1.10



SPRAY CHARACTERISTICS:

Full cone spray pattern, with uniform distribution throughout the cone.

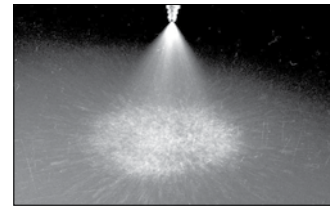
and all materials are color-coded for easy identification. Non-pigmented versions are also available.

CONSTRUCTION:

These nozzles are injection molded and contain a patented insert with larger flow passages than older styles, and are less susceptible to clogging. Standard materials are polypropylene, and PVDF,

TYPICAL APPLICATIONS:

- Chemical Processing
 - Cooling Sprays
 - Foam Breaking
 - Continuous Casting
- U.S. Patent No. 4,142,682
Canadian Patent No. 1,050,589



Model	Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)												SPRAY ANGLE @ (degrees)		
		3 psi	5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	150 psi	7 psi	20 psi	80 psi
⅛S1	0.033	0.06	0.07	0.09	0.10	0.12	0.14	0.17	0.20	0.25	0.28	0.32	0.39	--	55	52
⅛S1.5	0.046	0.15	0.18	0.22	0.15	0.18	0.21	0.26	0.30	0.37	0.42	0.47	0.58	--	65	57
⅛S2	0.051	0.31	0.35	0.17	0.20	0.25	0.28	0.35	0.40	0.49	0.57	0.63	0.77	54	59	60
⅛S3	0.051	0.61	0.21	0.25	0.30	0.37	0.42	0.52	0.60	0.73	0.85	0.95	1.16	50	53	60
⅛S3.5	0.051	0.19	0.25	0.29	0.35	0.43	0.50	0.61	0.70	0.86	0.99	1.11	1.36	48	58	61
⅛S5	0.064	0.27	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	60	75	70
¼S5	0.081	0.27	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	58	68	62
⅛S6	0.064	0.33	0.42	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	67	72	70
¼S6.5	0.091	0.36	0.46	0.54	0.65	0.80	0.92	1.13	1.30	1.59	1.84	2.06	2.52	48	56	50
¼S7.5	0.091	0.41	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.84	2.12	2.37	2.90	55	65	48
¼S8.5	0.091	0.47	0.60	0.71	0.85	1.04	1.20	1.47	1.70	2.08	2.40	2.69	3.3	58	65	63
⅜S9.5	0.102	0.52	0.67	0.79	0.95	1.16	1.34	1.65	1.90	2.33	2.69	3.00	3.7	58	68	62
¼S10	0.091	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	60	65	62
⅜S10	0.102	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	55	65	50
¼S14	0.091	0.77	0.99	1.17	1.40	1.71	1.98	2.42	2.80	3.4	4.0	4.4	5.4	78	78	75
⅜S15	0.102	0.82	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	4.2	4.7	5.8	63	65	60