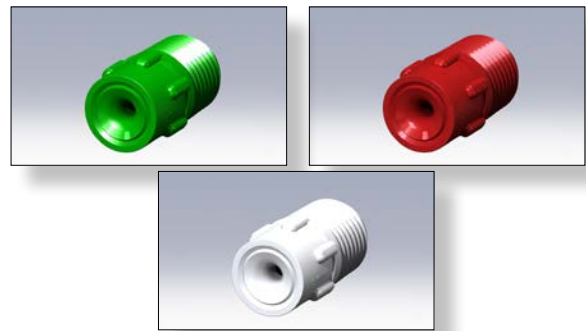




MOLDED SW SERIES NOZZLE SPECIFICATIONS

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



SPRAY CHARACTERISTICS:

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

CONSTRUCTION:

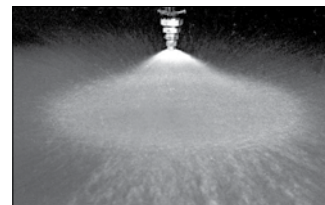
These nozzles are injection molded and contain a patented insert with larger flow passages than older styles, and are less susceptible to clogging. Standard materials are polypropylene, and PVDF,

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

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
$\frac{1}{8}$ S2.8W	0.051	0.06	0.07	0.23	0.28	0.34	0.40	0.48	0.56	0.69	0.79	0.89	1.08	110	105	96
$\frac{1}{8}$ S4.3W	0.051	0.15	0.18	0.36	0.43	0.53	0.61	0.74	0.86	1.05	1.22	1.36	1.67	117	108	100
$\frac{1}{8}$ S5.6W	0.064	0.31	0.35	0.47	0.56	0.69	0.79	0.97	1.12	1.37	1.58	1.77	2.17	117	110	100
$\frac{1}{4}$ S5.6W	0.064	0.61	0.40	0.47	0.56	0.69	0.79	0.97	1.12	1.37	1.58	1.77	2.17	120	108	102
$\frac{1}{8}$ S8W	0.081	0.19	0.57	0.67	0.80	0.98	1.13	1.39	1.60	1.96	2.26	2.53	3.10	118	110	103
$\frac{1}{4}$ S10W	0.091	0.27	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	118	108	102
$\frac{1}{4}$ S12W	0.091	0.27	0.85	1.00	1.20	1.47	1.70	2.08	2.40	2.94	3.4	3.8	4.6	120	112	102
$\frac{1}{4}$ S14W	0.091	0.33	0.99	1.17	1.40	1.71	1.98	2.42	2.80	3.4	4.0	4.4	5.4	118	114	104