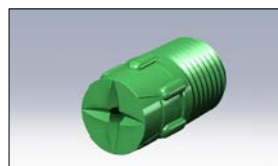




MOLDED SQ SERIES NOZZLE SPECIFICATIONS

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



SPRAY CHARACTERISTICS:

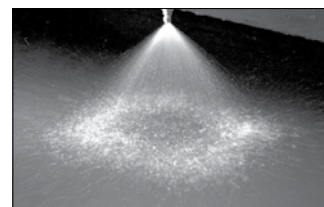
Full cone spray pattern, with uniform distribution throughout the cone.

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
$\frac{1}{8}$ S3.6SQ	0.057	0.06	0.26	0.30	0.36	0.44	0.51	0.62	0.72	0.88	1.02	1.14	1.39	42	55	50
$\frac{1}{8}$ S4.8SQ	0.033	0.15	0.34	0.40	0.48	0.59	0.68	0.83	0.96	1.18	1.36	1.52	1.86	50	65	60
$\frac{1}{8}$ S6SQ	0.051	0.31	0.42	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	60	65	60
$\frac{1}{4}$ S6SQ	0.051	0.61	0.42	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	60	65	60
$\frac{1}{4}$ S10SQ	0.064	0.19	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	61	67	60
$\frac{1}{4}$ S12SQ	0.064	0.27	0.85	1.00	1.20	1.47	1.70	2.08	2.40	2.94	3.4	3.8	4.6	71	76	69
$\frac{1}{4}$ S14SQ	0.091	0.27	0.99	1.17	1.40	1.71	1.98	2.42	2.80	3.4	4.0	4.4	5.4	78	85	75