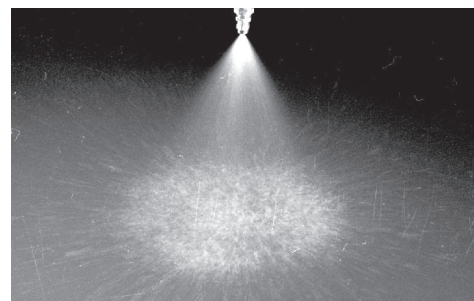
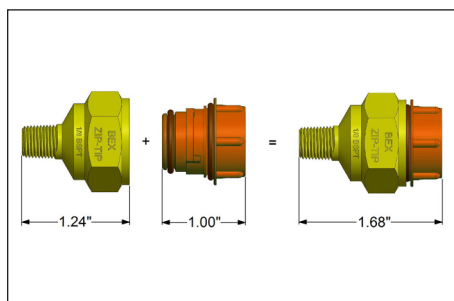
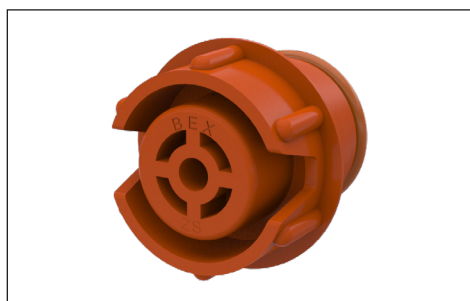




ZS MOLDED SPRAY NOZZLE

FULL CONE · ZIP-TIP CONNECTION



Spray angle not exactly as shown

SPRAY CHARACTERISTICS:

A full cone spray pattern, with uniform distribution throughout the cone.

CONSTRUCTION:

Z-Body connection sizes are available in NPT and BSPT thread sizes of 1/8", 1/4", 3/8", and 1/2". Metal and molded plastic ZIP-TIP components are not interchangeable. Zip-Tips can be ordered as complete assemblies, or as replacement tips only.



ZS Zip-Tips are available with finger Tabs for easy insertion and removal

MATERIALS AVAILABLE:

POLYPROPYLENE (LL) - (Green)
Excellent chemical and corrosion resistance. Useful up to 175°F

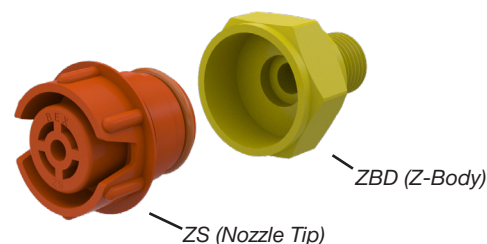
NATURAL POLYPROPYLENE (LN) Non-pigmented for optimum purity

PVDF (KK) - (Red) Excellent durability and abrasion resistance and is inert to most chemicals. Useful up to 300°F.

NATURAL PVDF (KN)
Non-pigmented for optimum purity.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting



Model #	Max. Free Passage inches	Capacities at Various Pressures USGPM												Spray Angle		
		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
ZS1	0.033	0.055	0.071	0.084	0.100	0.122	0.141	0.173	0.200	0.245	0.283	0.32	0.39	--	55°	52°
ZS1.5	0.046	0.082	0.106	0.126	0.150	0.184	0.212	0.260	0.300	0.37	0.42	0.47	0.58	--	65°	57°
ZS2	0.051	0.110	0.141	0.167	0.200	0.245	0.283	0.35	0.40	0.49	0.57	0.63	0.77	54°	59°	60°
ZS3	0.051	0.164	0.212	0.251	0.300	0.37	0.42	0.52	0.60	0.73	0.85	0.95	1.16	50°	53°	60°
ZS3.5	0.051	0.192	0.248	0.293	0.35	0.43	0.50	0.61	0.70	0.86	0.99	1.11	1.36	48°	58°	61°
ZS5	0.064	0.274	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°
ZS6	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°
ZS6.5	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°
ZS7.5	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°
ZS8.5	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	58°	65°	63°
ZS10	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	55°	65°	50°
ZS14	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°	85°	75°
ZS15	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°
ZS18	0.102	0.99	1.27	1.51	1.80	2.20	2.55	3.12	3.6	4.4	5.1	5.7	7.0	85°	88°	76°
ZS20	0.102	0.110	0.141	0.167	0.200	0.245	0.283	0.35	0.40	0.49	0.57	0.63	0.77	76°	82°	75°
ZS22	0.114	1.20	1.56	1.84	2.20	2.69	3.11	3.8	4.4	5.4	6.2	7.0	8.5	76°	78°	76°



ZS-MOLDED NOZZLE SPECIFICATIONS
FULL CONE ZIP-TIP CONNECTION

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