

Nozzle Selection Chart

Approx Cone Nozzle Size**	Nozzle Size	Orifice Dia (inches)																				
			25 psi	50 psi	75 psi	100 psi	125 psi	150 psi	200 psi	250 psi	300 psi	350 psi	400 psi	450 psi	500 psi	550 psi	600 psi	650 psi	700 psi	750 psi	800 psi	
	2	0.034	0.16	0.22	0.27	0.32	0.35	0.39	0.45	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.81	0.84	0.87	0.89	
	2.5	0.042	0.20	0.28	0.34	0.40	0.44	0.48	0.56	0.63	0.68	0.74	0.79	0.84	0.88	0.93	0.97	1.01	1.05	1.08	1.12	
	3	0.043	0.24	0.34	0.41	0.47	0.53	0.58	0.67	0.75	0.82	0.89	0.95	1.01	1.06	1.11	1.16	1.21	1.25	1.30	1.34	
	3.5	0.048	0.28	0.39	0.48	0.55	0.62	0.68	0.78	0.88	0.96	1.04	1.11	1.17	1.24	1.30	1.36	1.41	1.46	1.52	1.57	
	4	0.052	0.32	0.45	0.55	0.63	0.71	0.77	0.89	1.00	1.10	1.18	1.26	1.34	1.41	1.48	1.55	1.61	1.67	1.73	1.79	
	4.5	0.055	0.36	0.50	0.62	0.71	0.80	0.87	1.01	1.13	1.23	1.33	1.42	1.51	1.59	1.67	1.74	1.81	1.88	1.95	2.01	
	5	0.057	0.40	0.56	0.68	0.79	0.88	0.97	1.12	1.25	1.37	1.48	1.58	1.68	1.77	1.85	1.94	2.02	2.09	2.17	2.24	
1.5	5.5	0.060	0.43	0.61	0.75	0.87	0.97	1.07	1.23	1.38	1.51	1.63	1.74	1.84	1.94	2.04	2.13	2.22	2.30	2.38	2.46	
	6	0.062	0.47	0.67	0.82	0.95	1.06	1.16	1.34	1.50	1.64	1.77	1.90	2.01	2.12	2.22	2.32	2.42	2.51	2.60	2.68	
	6.5	0.064	0.51	0.73	0.89	1.03	1.15	1.26	1.45	1.63	1.78	1.92	2.06	2.18	2.30	2.41	2.52	2.62	2.72	2.81	2.91	
	7	0.067	0.55	0.78	0.96	1.11	1.24	1.36	1.57	1.75	1.92	2.07	2.21	2.35	2.47	2.60	2.71	2.82	2.93	3.03	3.13	
1.8	7.5	0.070	0.59	0.84	1.03	1.19	1.33	1.45	1.68	1.88	2.05	2.22	2.37	2.52	2.65	2.78	2.90	3.02	3.14	3.25	3.35	
	8	0.072	0.63	0.89	1.10	1.26	1.41	1.55	1.79	2.00	2.19	2.37	2.53	2.68	2.83	2.97	3.10	3.22	3.35	3.46	3.58	
	8.5	0.074	0.67	0.95	1.16	1.34	1.50	1.65	1.90	2.13	2.33	2.51	2.69	2.85	3.01	3.15	3.29	3.43	3.56	3.68	3.80	
	9	0.076	0.71	1.01	1.23	1.42	1.59	1.74	2.01	2.25	2.46	2.66	2.85	3.02	3.18	3.34	3.49	3.63	3.76	3.90	4.02	
2	9.5	0.078	0.75	1.06	1.30	1.50	1.68	1.84	2.12	2.38	2.60	2.81	3.00	3.19	3.36	3.52	3.68	3.83	3.97	4.11	4.25	
	10	0.080	0.79	1.12	1.37	1.58	1.77	1.94	2.24	2.50	2.74	2.96	3.16	3.35	3.54	3.71	3.87	4.03	4.18	4.33	4.47	
	11	0.083	0.87	1.23	1.51	1.74	1.94	2.13	2.46	2.75	3.01	3.25	3.48	3.69	3.89	4.08	4.26	4.43	4.60	4.76	4.92	
2.3	12	0.087	0.95	1.34	1.64	1.90	2.12	2.32	2.68	3.00	3.29	3.55	3.79	4.02	4.24	4.45	4.65	4.84	5.02	5.20	5.37	
	12.5	0.089	0.99	1.40	1.71	1.98	2.21	2.42	2.80	3.13	3.42	3.70	3.95	4.19	4.42	4.64	4.84	5.04	5.23	5.41	5.59	
	13	0.091	1.03	1.45	1.78	2.06	2.30	2.52	2.91	3.25	3.56	3.85	4.11	4.36	4.60	4.82	5.03	5.24	5.44	5.63	5.81	
2.5	15	0.096	1.19	1.68	2.05	2.37	2.65	2.90	3.35	3.75	4.11	4.44	4.74	5.03	5.30	5.56	5.81	6.05	6.27	6.50	6.71	
	20	0.109	1.58	2.24	2.74	3.16	3.54	3.87	4.47	5.00	5.48	5.92	6.32	6.71	7.07	7.42	7.75	8.06	8.37	8.66	8.94	
3	25	0.125	1.98	2.80	3.42	3.95	4.42	4.84	5.59	6.25	6.85	7.40	7.91	8.39	8.84	9.27	9.68	10.1	10.5	10.8	11.2	
3.5	30	0.141	2.37	3.35	4.11	4.74	5.30	5.81	6.71	7.50	8.22	8.87	9.49	10.1	10.6	11.1	11.6	12.1	12.5	13.0	13.4	
4	40	0.156	3.16	4.47	5.48	6.32	7.07	7.75	8.94	10.0	11.0	11.8	12.6	13.4	14.1	14.8	15.5	16.1	16.7	17.3	17.9	
4.5	50	0.172	3.95	5.59	6.85	7.91	8.84	9.68	11.2	12.5	13.7	14.8	15.8	16.8	17.7	18.5	19.4	20.2	20.9	21.7	22.4	
	60	0.188	4.74	6.71	8.22	9.49	10.6	11.6	13.4	15.0	16.4	17.7	19.0	20.1	21.2	22.2	23.2	24.2	25.1	26.0	26.8	
5	65	0.197	5.14	7.27	8.90	10.3	11.5	12.6	14.5	16.3	17.8	19.2	20.6	21.8	23.0	24.1	25.2	26.2	27.2	28.1	29.1	
	70	*0.204	5.53	7.83	9.59	11.1	12.4	13.6	15.7	17.5	19.2	20.7	22.1	23.5	24.7	26.0	27.1	28.2	29.3	30.3	31.3	
5.5	80	*0.218	6.32	8.94	11.0	12.6	14.1	15.5	17.9	20.0	21.9	23.7	25.3	26.8	28.3	29.7	31.0	32.2	33.5	34.6	35.8	
	90	*0.231	7.12	10.1	12.3	14.2	15.9	17.4	20.1	22.5	24.6	26.6	28.5	30.2	31.8	33.4	34.9	36.3	37.6	39.0	40.2	
6	95	*0.237	7.51	10.6	13.0	15.0	16.8	18.4	21.2	23.8	26.0	28.1	30.0	31.9	33.6	35.2	36.8	38.3	39.7	41.1	42.5	
	100	*0.243	7.91	11.2	13.7	15.8	17.7	19.4	22.4	25.0	27.4	29.6	31.6	33.5	35.4	37.1	38.7	40.3	41.8	43.3	44.7	
7	130	*0.277	10.28	14.5	17.8	20.6	23.0	25.2	29.1	32.5	35.6	38.5	41.1	43.6	46.0	48.2	50.3	52.4	54.4	56.3	58.1	

Cone Nozzles * Diameter is approximate ** Determined by diameter size. **Need to confirm.**

Size(mm)	1.5	1.8	2.0	2.3	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0
Dia (in)	0.059	0.071	0.079	0.091	0.098	0.118	0.138	0.157	0.177	0.197	0.217	0.236	0.276
**Nozzle #	5.5	7.5	9.5	13	16	23	29	40	53	65	79	94	130

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