

SPRAY CHARACTERISTICS:

ZF-Series spray nozzles produce a flat, fan-shaped spray pattern with spray angles available from 15° to 110° measured at 3 bar. Spray angles generally increase with pressure, as shown in the capacity table.

Spray density tapers off toward the outside of these sprays, to permit overlapping of spray patterns while maintaining uniform spray density.

CONSTRUCTION:

Molded plastic spray nozzles are available in glass reinforced polypropylene or PVDF (Kynar®).

COLOR CODING:

Zip-Tip flat "V" spray tips are color-coded for easy identification.



TYPICAL APPLICATIONS:

- Parts Cleaning
- Metal Washing
- Foam Control
- Asphalt Spraying
- Gravel Washing
- Vehicle Washing
- Fertilizer Spraying
- Dishwashers

Additional sizes may be available upon request. Please contact your BEX distributor.

See chart on page 54 for dimensions.

SPRAY ANGLE @ 3bar	ZF MODEL	TIP COLOR	EQUIV. ORIFICE DIAMETER (mm)	CAPACITY (L/min) AT VARIOUS PRESSURES (bar)															SPRAY ANGLE @		
				0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	20 bar	30 bar	1.5 bar	3 bar	5 bar		
110°	ZF11003	Lime Green	1.1	0.37	0.48	0.57	0.68	0.84	0.97	1.18	1.37	1.53	1.81	2.16	3.06	3.74	92°	110°	118°		
	ZF11004	Lime Green	1.2	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.41	2.88	4.08	4.99	90°	110°	112°		
	ZF11005	Lime Green	1.35	0.62	0.81	0.95	0.31	1.40	1.61	1.97	2.28	2.55	3.01	3.6	5.1	6.2	96°	110°	114°		
	ZF11006	Lime Green	1.47	0.75	0.97	1.14	0.37	1.67	1.93	2.37	2.73	3.06	3.6	4.3	6.1	7.5	97°	110°	115°		
	ZF11008	Lime Green	1.70	1.00	1.29	1.53	0.49	2.23	2.58	3.2	3.6	4.1	4.8	5.8	8.2	10.0	100°	110°	115°		
	ZF11010	White	1.91	1.25	1.61	1.91	0.61	2.79	3.2	3.9	4.6	5.1	6.0	7.2	10.2	12.5	102°	110°	115°		
	ZF11015	Grey	2.31	1.87	2.42	2.86	0.92	4.2	4.8	5.9	6.8	7.6	9.0	10.8	15.3	18.7	102°	110°	115°		
	ZF11020	Lt. Blue	2.67	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	12.1	14.4	20.4	25.0	103°	110°	112°		
	ZF11030	Purple	3.28	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37.4	103°	110°	112°		
	ZF11040	Green	3.78	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	41	50	103°	110°	112°		
	ZF11050	Yellow	4.24	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	30.1	36	51	62	107°	110°	116°		
	ZF11060	Blue	4.62	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	104°	110°	112°		
	ZF11070	Red	5.00	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	107°	110°	112°		
	95°	ZF9503	Lime Green	1.1	0.37	0.48	0.57	0.68	0.84	0.97	1.18	1.37	1.53	1.81	2.16	3.06	3.74	86°	95°	101°	
		ZF9504	Lime Green	1.2	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.41	2.88	4.08	4.99	86°	95°	101°	
ZF9505		Lime Green	1.35	0.62	0.81	0.95	0.31	1.40	1.61	1.97	2.28	2.55	3.01	3.6	5.1	6.2	86°	95°	101°		
ZF9506		Lime Green	1.47	0.75	0.97	1.14	0.37	1.67	1.93	2.37	2.73	3.06	3.6	4.3	6.1	7.5	86°	95°	101°		
ZF9508		Lime Green	1.70	1.00	1.29	1.53	0.49	2.23	2.58	3.2	3.6	4.1	4.8	5.8	8.2	10.0	86°	95°	100°		
ZF9510		White	1.91	1.25	1.61	1.91	0.61	2.79	3.2	3.9	4.6	5.1	6.0	7.2	10.2	12.5	88°	95°	99°		
ZF9515		Grey	2.31	1.87	2.42	2.86	0.92	4.2	4.8	5.9	6.8	7.6	9.0	10.8	15.3	18.7	90°	95°	100°		
ZF9520		Lt. Blue	2.67	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	12.1	14.4	20.4	25.0	89°	95°	99°		
ZF9530		Purple	3.28	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37.4	90°	95°	101°		
ZF9540		Green	3.78	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	41	50	90°	95°	100°		
ZF9550		Yellow	4.24	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	30.1	36	51	62	91°	95°	101°		
ZF9560		Blue	4.62	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	92°	95°	102°		
ZF9570		Red	5.00	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	92°	95°	103°		
80°		ZF8002	Lime Green	0.91	0.25	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.0	1.2	1.4	2.0	2.45	74°	80°	83°	
		ZF8003	Lime Green	1.1	0.37	0.48	0.57	0.68	0.84	0.97	1.18	1.37	1.53	1.81	2.16	3.06	3.74	74°	80°	83°	
	ZF8004	Lime Green	1.2	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.41	2.88	4.08	4.99	74°	80°	83°		
	ZF8005	Lime Green	1.35	0.62	0.81	0.95	0.31	1.40	1.61	1.97	2.28	2.55	3.01	3.6	5.1	6.2	74°	80°	83°		
	ZF8006	Lime Green	1.47	0.75	0.97	1.14	0.37	1.67	1.93	2.37	2.73	3.06	3.6	4.3	6.1	7.5	74°	80°	83°		
	ZF8008	Lime Green	1.70	1.00	1.29	1.53	0.49	2.23	2.58	3.2	3.6	4.1	4.8	5.8	8.2	10.0	75°	80°	83°		
	ZF8010	White	1.91	1.25	1.61	1.91	0.61	2.79	3.2	3.9	4.6	5.1	6.0	7.2	10.2	12.5	75°	80°	83°		
	ZF8015	Grey	2.31	1.87	2.42	2.86	0.92	4.2	4.8	5.9	6.8	7.6	9.0	10.8	15.3	18.7	74°	80°	86°		
	ZF8020	Lt. Blue	2.67	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	12.1	14.4	20.4	25.0	74°	80°	85°		
	ZF8030	Purple	3.28	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37.4	75°	80°	86°		
	ZF8040	Green	3.78	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	41	50	76°	80°	85°		
	ZF8050	Yellow	4.24	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	30.1	36	51	62	77°	80°	84°		
	ZF8060	Blue	4.62	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	77°	80°	84°		
	ZF8070	Red	5.00	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	78°	80°	87°		
	65°	ZF6502	Lime Green	0.91	0.25	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.0	1.2	1.4	2.0	2.45	53°	65°	72°	
ZF6503		Lime Green	1.1	0.37	0.48	0.57	0.68	0.84	0.97	1.18	1.37	1.53	1.81	2.16	3.06	3.74	53°	65°	72°		
ZF6504		Lime Green	1.2	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.41	2.88	4.08	4.99	54°	65°	72°		
ZF6505		Lime Green	1.35	0.62	0.81	0.95	0.31	1.40	1.61	1.97	2.28	2.55	3.01	3.6	5.1	6.2	54°	65°	72°		
ZF6506		Lime Green	1.47	0.75	0.97	1.14	0.37	1.67	1.93	2.37	2.73	3.06	3.6	4.3	6.1	7.5	54°	65°	72°		
ZF6508		Lime Green	1.70	1.00	1.29	1.53	0.49	2.23	2.58	3.2	3.6	4.1	4.8	5.8	8.2	10.0	55°	65°	71°		
ZF6510		White	1.91	1.25	1.61	1.91	0.61	2.79	3.2	3.9	4.6	5.1	6.0	7.2	10.2	12.5	57°	65°	73°		
ZF6512		Orange	2.08	1.50	1.93	2.29	2.73	3.3	3.9	4.7	5.5	6.1	7.2	8.6	12.2	15.0	59°	65°	71°		

QUICK DISCONNECT

