

BFL FLOODING SPRAY NOZZLE BALLS

(for 1", 1-1/4", 1-1/2" and 2" pipe)



SPRAY CHARACTERISTICS:

A wide, flat shaped spray with low impact. The spray is deflected 75° from the centerline of the nozzle, as shown.

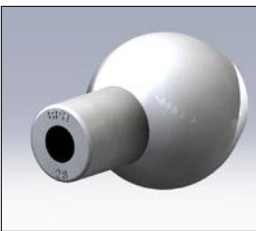
TYPICAL APPLICATIONS:

Flooding nozzles are often used at the beginning and end of phosphate stages, to prevent mist carry over. They can also be used for "wetting" surfaces during long drain stages.

Model	Tip Color	Equiv. Orifice Diam. (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)										SPRAY ANGLE @	
			5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	50 psi	100 psi	300 psi	20 psi	40 psi
BFL5	Grey	0.183	0.27	0.35	0.42	0.50	0.61	0.71	0.79	0.87	1.00	1.12	114°	130°
BFL10	Grey	0.075	0.55	0.71	0.84	1.00	1.22	1.41	1.58	1.73	2.00	2.24	134°	146°
BFL18	Grey	0.149	0.99	1.27	1.51	1.80	2.20	2.55	2.85	3.12	3.6	4.0	130°	142°
BFL24	Grey	0.167	1.31	1.70	2.01	2.40	2.94	3.4	3.8	4.2	4.8	5.4	121°	136°
BFL30	Grey	0.183	1.64	2.12	2.51	3.00	3.7	4.2	4.7	5.2	6.0	6.7	120°	133°
BFL40	Grey	0.218	2.19	2.83	3.3	4.0	4.9	5.7	6.3	6.9	8.0	8.9	130°	144°

BPH HOLLOW CONE PHOSPHATING NOZZLE BALLS

(for 1", 1-1/4", 1-1/2" and 2" pipe)



SPRAY CHARACTERISTICS:

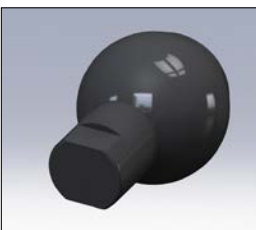
A hollow cone pattern with low impact. BPH nozzle balls are made of glass reinforced polypropylene. Available in three models.

TYPICAL APPLICATIONS:

Designed specifically for phosphate stages. This large droplet, low impact spray results in tighter and more consistent phosphate crystalline structure. It minimizes the misting of phosphate spray, thus reducing 'pre-coating', streaking, and carry over to adjacent stages.

Model	Tip Color	Maximum Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)										SPRAY ANGLE @			
			3 psi	5 psi	7 psi	10 psi	15 psi	20 psi	25 psi	30 psi	40 psi	5 psi	7 psi	10 psi	20 psi	
BPH28	White	0.191	1.53	1.98	2.34	2.80	3.4	4.0	4.4	4.8	5.6	44°	52°	53°	55°	
BPH51	Grey	0.280	2.74	3.5	4.2	5.0	6.1	7.1	7.9	8.7	10.0	37°	40°	42°	48°	
BPH53	Black	0.280	2.74	3.5	4.2	5.0	6.1	7.1	7.9	8.7	10.0	62°	70°	71°	73°	

K-PLUG SHUT-OFF NOZZLE BALL



TYPICAL APPLICATIONS:

The K-PLUG nozzle ball is used in place of any other nozzle ball to completely shut off the flow through the nozzle.