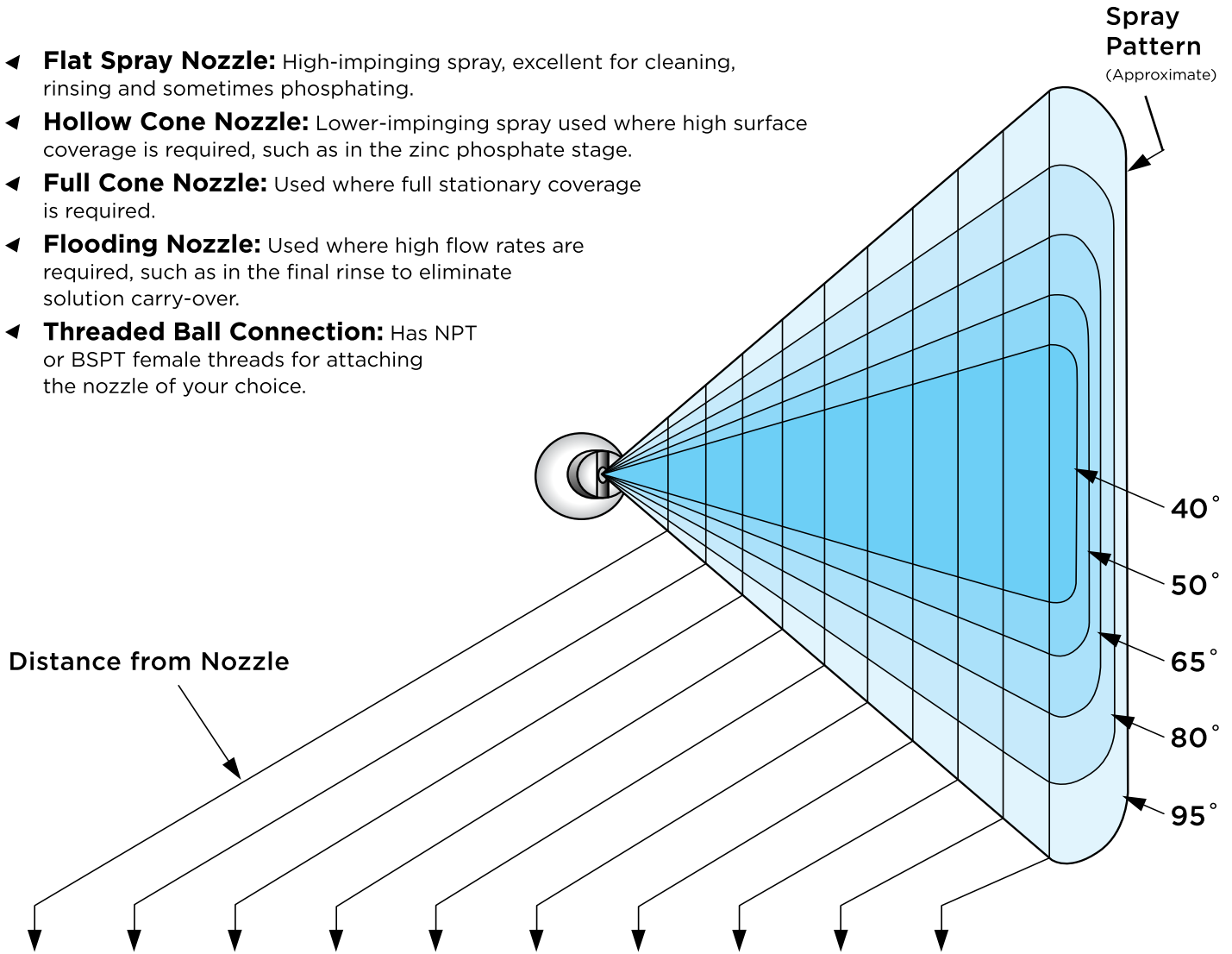


# UNI-SPRAY NOZZLE TIPS: SPRAY NOZZLE COVERAGE

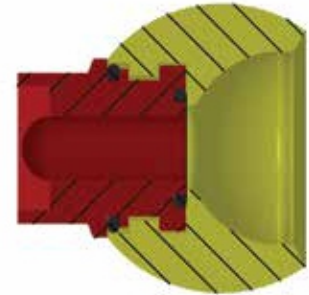
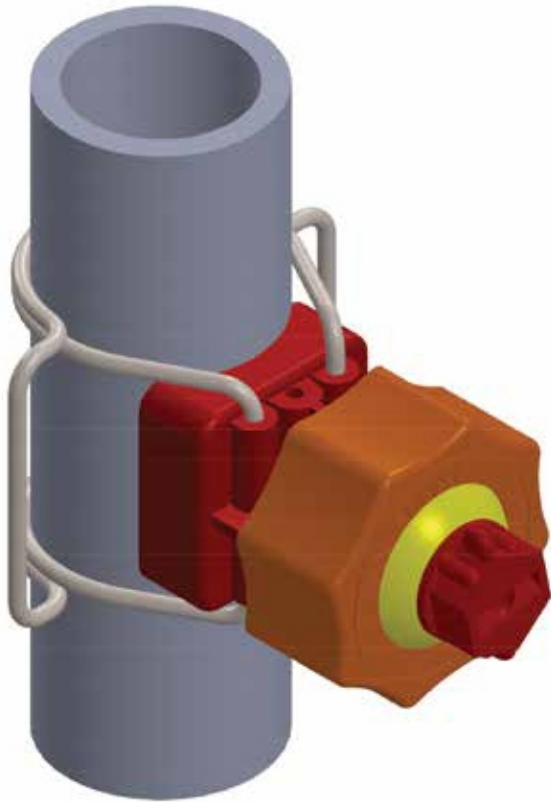
- ◀ **Flat Spray Nozzle:** High-impinging spray, excellent for cleaning, rinsing and sometimes phosphating.
- ◀ **Hollow Cone Nozzle:** Lower-impinging spray used where high surface coverage is required, such as in the zinc phosphate stage.
- ◀ **Full Cone Nozzle:** Used where full stationary coverage is required.
- ◀ **Flooding Nozzle:** Used where high flow rates are required, such as in the final rinse to eliminate solution carry-over.
- ◀ **Threaded Ball Connection:** Has NPT or BSPT female threads for attaching the nozzle of your choice.



**HEIGHT OF INCLUDED ANGLE OF SPRAY COVERAGE (CM)**

10 cm	15 cm	20 cm	25 cm	30 cm	40 cm	50 cm	60 cm	75 cm	90 cm	@ Spray Angle
7.6	11.4	14.5	18.2	21.7	29.1	36.4	43.7	54.5	65.5	40°
9.4	14.2	18.8	23.2	28.0	37.3	46.7	56.0	70.0	84.1	50°
12.4	19.1	25.5	31.7	38.2	51.2	63.6	76.2	95.5	114.6	65°
17.0	25.4	33.5	42.0	50.5	67.2	84.2	100.7	126.0	151.1	80°
21.8	33.0	43.8	54.5	65.5	87.5	109.2	131.0	163.7	196.6	95°

## UNI-SPRAY QUICK-CHANGE NOZZLE TIP



The Quik-Change Nozzle Tip is installed with a bayonet mount, and a simple 90° twist is all it takes to lock it into the ball. It is O-Ring sealed at the bottom and lip sealed at the top to prevent the mounting slots and tabs from becoming contaminated and difficult to disassemble.

The exterior dimensions and contours of the ball are identical to our standard Adjustable Nozzle Tips, so the full range of adjustment is still available. However, the tip length has been shortened from that of our standard tips, providing even greater clearance between the spray nozzle and your product.

The Uni-Spray Systems' Quik-Change Tip has been developed to meet our customers' demands! Manufactured to exacting standards from the highest-quality engineered thermoplastics, the Quik-Change Tip demonstrates our ongoing commitment to research and development, high-performance replacement parts and innovative new products for the pretreatment industry worldwide.

Quik-Change Tips will greatly reduce maintenance downtime by allowing replacement of all the tips in your system without having to painstakingly realign the adjustable tip angles and orientations on every nozzle. Quick-Change Tips are available in various Flat Spray Tip configurations. Custom spray angles and flow requirements are also available.

## QUICK-CHANGE NOZZLE TIP SELECTION DATA

ITEM NO.	NOZZLE TIP PART NUMBER	TIP COLOUR	SPRAY ANGLE	SPRAY PATTERN	CAPACITY (US) LPM AT BAR					
					0.5	0.7	1	2	3	5
027	UNI 0080QC	Dk. Green	0°	Flat Spray	12.92	15.30	18.28	25.84	31.65	40.86
028	UNI 1550QC	Pink	15°	Flat Spray	7.91	9.37	11.19	15.83	19.38	25.03
029	UNI 50100QC	Grey	50°	Flat Spray	16.09	19.04	22.75	32.17	39.40	50.87
030	UNI 5070QC	Blue	50°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
031	UNI 5060QC	Orange	50°	Flat Spray	9.76	11.55	13.80	19.52	23.91	30.86
032	UNI 5050QC	Pink	50°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
033	UNI 65100QC	Lt. Green	65°	Flat Spray	16.09	19.04	22.75	32.17	39.40	50.87
034	UNI 65700QC	Red	65°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
035	UNI 6560QC	Green	65°	Flat Spray	9.76	11.55	13.80	19.52	23.91	30.86
036	UNI 6550QC	Red	65°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
037	UNI 6540QC	Yellow	65°	Flat Spray	6.59	7.80	9.32	13.18	16.14	20.84
038	UNI 6530QC	Purple	65°	Flat Spray	4.74	5.62	6.71	9.49	11.62	15.00
039	UNI 8070QC	Beige	80°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
040	UNI 8050QC	Dk. Green	80°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
041	UNI 8040QC	Beige	80°	Flat Spray	6.59	7.80	9.32	13.18	16.14	20.84
042	UNI 8020QC	Yellow	80°	Flat Spray	3.16	3.74	4.47	6.32	7.75	10.00
043	UNI 8010QC	Black	80°	Flat Spray	1.58	1.87	2.24	3.16	3.87	5.00
044	UNI 8006QC	Lt. Green	80°	Flat Spray	0.98	1.15	1.38	1.95	2.39	3.08
045	UNI 9540QC	Black	95°	Flat Spray	6.59	7.80	9.32	13.18	16.14	20.84
046	UNI 9530QC	Grey	95°	Flat Spray	4.74	5.62	6.71	9.49	11.62	15.00
047	UNI 9520QC	Red	95°	Flat Spray	3.16	3.74	4.47	6.32	7.75	10.00
048	UNI 9503QC	Orange	95°	Flat Spray	47.37	56.07	67.00	94.73	116.04	149.80
049	UNI 12010QC	Grey	120°	Flat Spray	1.58	1.87	2.24	3.16	3.87	5.00
050	UNI 12070QC	Black	120°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
051	UNI 29HCQC	Dk. Green	50°	Hollow Cone	9.23	10.93	13.05	18.46	22.61	29.19
052	UNI 50HCQC	Black	65°	Hollow Cone	15.82	18.73	22.37	31.64	38.75	50.03
053	UNIPLUGQC	Grey	PLUG TO BLANK OFF SPRAY							

For easy identification, all Flat Spray Nozzle Tips have the Tip Numbers molded into the ends of the tips. When ordering Nozzle Tips as spare parts, add QCTIP after the Part Number: e.g., **UNI 6540QCTIP**

**CUSTOM NOZZLE DESIGNS ARE AVAILABLE UPON REQUEST**

