

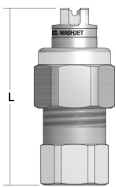
FLAT SPRAY NOZZLES

■ PERFORMANCE DATA: HIGH PRESSURE FLAT SPRAY

Tip Type	Spray Angle at 40 psi						Capacity Size	Flow Rate Capacity (gallons per minute)								
NP**,-EG	0°*	15°	25°	40°	50°	65°		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi
•	•						015	.15	.41	.53	.65	.75	.92	1.1	1.2	1.3
•	•						02	.20	.55	.71	.87	1.0	1.2	1.4	1.6	1.7
•	•	•	•				03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6
•	•	•	•	•		•	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5
•	•	•	•	•			045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9
•	•	•	•	•			05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3
•	•	•	•	•			055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8
•	•	•	•	•	•	•	06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2
•	•		•				065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6
•	•	•	•	•	•	•	07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1
•	•	•	•	•		•	08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9
•	•	•	•	•		•	09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8
•	•	•	•	•	•		10	1.0	2.7	3.5	4.3	5.0	6.1	7.1	7.9	8.7
•	•						11	1.1	3.0	3.9	4.8	5.5	6.7	7.8	8.7	9.5
•							12	1.2	3.3	4.2	5.2	6.0	7.3	8.5	9.5	10.4
•	•	•		•			13	1.3	3.6	4.6	5.6	6.5	8.0	9.2	10.3	11.3
•	•						14	1.4	3.8	4.9	6.1	7.0	8.6	9.9	11.1	12.1
•		•	•	•			15	1.5	4.1	5.3	6.5	7.5	9.2	10.6	11.9	13.0
•	•			•	•		20	2.0	5.5	7.1	8.7	10.0	12.2	14.1	15.8	17.3

*0° = Solid Stream.

■ DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	NP11430-1/4-SS-** + NPXX-EG				
	** SELECT 50, 100, 200 MESH	1/4	2.218	13/16	3.5
	XX-SPRAY ANGLE THEN CAPACITY				

Based on the largest/heaviest version of each type.

Nozzle body assembly and nozzles ordered separately. Specify mesh size when ordering.

■ ORDERING INFO

Body Assembly Only				
NP11430	-	1/4	-	SS
Nozzle		Inlet		Material
Body		Conn.		
Type				50 Mesh Size

Example: NP11430-1/4-SS-50

Nozzle tip ordered separately. NP (spray angle) (capacity) - material. Material is only hardened stainless steel and tungsten carbide insert.

FLAT SPRAY NOZZLES

■ PERFORMANCE DATA HIGH-PRESSURE TC TIPS

Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Capacity* (gallons per minute)					Approx.** Spray Pattern Width(in.) at 1 ft. distance
			500 psi	1000 psi	1500 psi	2000 psi	3000 psi	
110°	01	.026	.35	.50	.61	.72	.86	23
	015	.031	.53	.75	.91	1.1	1.3	25
	02	.036	.71	1.0	1.2	1.4	1.7	26
	03	.043	1.1	1.5	1.8	2.1	2.7	27
	04	.052	1.4	2.0	2.5	2.8	3.4	28
	05	.057	1.8	2.5	3.1	3.5	4.4	28
	053	.058	1.9	2.7	3.2	3.7	4.7	28
	06	.062	2.1	3.0	3.7	4.2	5.1	28
	07	.067	2.5	3.5	4.3	5.0	6.1	28
	08	.072	2.8	4.0	4.9	5.7	6.9	28
	09	.076	3.2	4.5	5.5	6.4	7.8	28
	10	.078	3.5	5.0	6.1	7.1	8.6	28
95°	11	.083	3.9	5.5	6.7	7.8	9.6	28
	12	.089	4.3	6.0	7.4	8.5	10.5	28
	01	.026	.35	.50	.61	.72	.86	21
	015	.031	.53	.75	.91	1.1	1.3	21
	02	.036	.71	1.0	1.2	1.4	1.7	22
	03	.043	1.1	1.5	1.8	2.1	2.7	22
	04	.052	1.4	2.0	2.5	2.8	3.4	23
	05	.057	1.8	2.5	3.1	3.5	4.4	23
	06	.062	2.1	3.0	3.7	4.2	5.1	23
	07	.067	2.5	3.5	4.3	5.0	6.1	23
	08	.072	2.8	4.0	4.9	5.7	6.9	23
	09	.076	3.2	4.5	5.5	6.4	7.8	23
95°	10	.078	3.5	5.0	6.1	7.1	8.6	23
	11	.085	3.9	5.5	6.7	7.8	9.6	23
	12	.089	4.3	6.0	7.4	8.5	10.5	23
	13	.092	4.6	6.5	8.0	9.2	11.3	23
	14	.095	4.9	7.0	8.6	9.9	12.0	23
	15	.099	5.3	7.5	9.2	10.6	13.0	23
	16	.100	5.7	8.0	9.8	11.3	14.0	23
	18	.104	6.4	9.0	11.0	12.7	15.7	23
	20	.109	7.1	10.0	12.2	14.1	17.4	23

* Tabulated capacities based on water.

Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Capacity* (gallons per minute)					Approx.** Spray Pattern Width(in.) at 1 ft. distance
			500 psi	1000 psi	1500 psi	2000 psi	3000 psi	
80°	01	.026	.35	.50	.61	.72	.86	19
	015	.031	.53	.75	.91	1.1	1.3	19
	02	.036	.71	1.0	1.2	1.4	1.7	19
	03	.043	1.1	1.5	1.8	2.1	2.7	19
	04	.052	1.4	2.0	2.5	2.8	3.4	19
	05	.057	1.8	2.5	3.1	3.5	4.4	19
	06	.062	2.1	3.0	3.7	4.2	5.1	19
	07	.067	2.5	3.5	4.3	5.0	6.1	19
	08	.072	2.8	4.0	4.9	5.7	6.9	19
	09	.076	3.2	4.5	5.5	6.4	7.8	19
	10	.078	3.5	5.0	6.1	7.1	8.6	19
	11	.085	3.9	5.5	6.7	7.8	9.6	19
	12	.089	4.3	6.0	7.4	8.5	10.5	19
	13	.093	4.6	6.5	8.0	9.2	11.3	19
	14	.096	4.9	7.0	8.6	9.9	12.0	19
	15	.099	5.3	7.5	9.2	10.6	13.0	19
65°	01	.026	.35	.50	.61	.72	.86	16
	015	.031	.53	.75	.91	1.1	1.3	16
	02	.036	.71	1.0	1.2	1.4	1.7	16
	03	.043	1.1	1.5	1.8	2.1	2.7	16
	04	.052	1.4	2.0	2.5	2.8	3.4	16
	05	.057	1.8	2.5	3.1	3.5	4.4	16
	06	.062	2.1	3.0	3.7	4.2	5.1	16
	07	.067	2.5	3.5	4.3	5.0	6.1	16
	08	.072	2.8	4.0	4.9	5.7	6.9	16
	09	.076	3.2	4.5	5.5	6.4	7.8	16
	10	.078	3.5	5.0	6.1	7.1	8.6	16
	11	.085	3.9	5.5	6.7	7.8	9.6	16
	12	.089	4.3	6.0	7.4	8.5	10.5	16
	13	.093	4.6	6.5	8.0	9.2	11.3	16
	14	.096	4.9	7.0	8.6	9.9	12.0	16
	15	.099	5.3	7.5	9.2	10.6	13.0	16
50°	17	.102	6.0	8.5	10.4	12.0	14.7	16
	20	.109	7.1	10.0	12.2	14.1	17.4	16
	01	.026	.35	.50	.61	.72	.86	14
	015	.031	.53	.75	.91	1.1	1.3	14
	02	.036	.71	1.0	1.2	1.4	1.7	14
	03	.043	1.1	1.5	1.8	2.1	2.7	14
	04	.052	1.4	2.0	2.5	2.8	3.4	14
	05	.057	1.8	2.5	3.1	3.5	4.4	14
	06	.062	2.1	3.0	3.7	4.2	5.1	14
	07	.067	2.5	3.5	4.3	5.0	6.1	14
	08	.072	2.8	4.0	4.9	5.7	6.9	14
	10	.078	3.5	5.0	6.1	7.1	8.6	14
	15	.099	5.3	7.5	9.2	10.6	13.0	14

* Tabulated capacities based on water.

FLAT SPRAY NOZZLES

■ PERFORMANCE DATA: HIGH-PRESSURE TC TIPS

Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Capacity* (gallons per minute)					Approx.** Spray Pattern Width(in.) at 1 ft. distance
			500 psi	1000 psi	1500 psi	2000 psi	3000 psi	
40°	01	.026	.35	.50	.61	.72	.86	12
	013	.029	.46	.65	.80	.92	1.1	12
	015	.031	.53	.75	.91	1.1	1.3	12
	02	.036	.71	1.0	1.2	1.4	1.7	12
	03	.043	1.1	1.5	1.8	2.1	2.7	12
	04	.052	1.4	2.0	2.5	2.8	3.4	12
	05	.057	1.8	2.5	3.1	3.5	4.4	12
	06	.062	2.1	3.0	3.7	4.2	5.1	12
	07	.067	2.5	3.5	4.3	5.0	6.1	12
	08	.072	2.8	4.0	4.9	5.7	6.9	12
	09	.076	3.2	4.5	5.5	6.4	7.8	12
	10	.078	3.5	5.0	6.1	7.1	8.6	12
	11	.083	3.9	5.5	6.7	7.8	9.6	12
	15	.099	5.3	7.5	9.2	10.6	13.0	12
	01	.026	.35	.50	.61	.72	.86	9
	015	.031	.53	.75	.91	1.1	1.3	9
25°	02	.036	.71	1.0	1.2	1.4	1.7	9
	03	.043	1.1	1.5	1.8	2.1	2.7	9
	04	.052	1.4	2.0	2.5	2.8	3.4	9
	05	.057	1.8	2.5	3.1	3.5	4.4	9
	06	.062	2.1	3.0	3.7	4.2	5.1	9
	08	.072	2.8	4.0	4.9	5.7	6.9	9
	10	.078	3.5	5.0	6.1	7.1	8.6	9

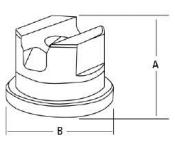
* Tabulated capacities based on water.

■ ORDERING INFO

Unit Formula Tip Only			
NP Nozzle Type	40 Spray Angle	06 Capacity	- TC Material

Example: NP4006-TC

■ DIMENSIONS AND WEIGHTS

Nozzle	Nozzle	A (in.)	B (in.)	Net Weight (oz.)
	NP****-TC Small capacity (up to .025)	.375	.593	.32
	NP****-TC Large capacity (.03 and larger)	.50	.593	.32

Based on the largest/heaviest version of each type.. NOZZLE EXAMPLE: NP6506-TC (65-DEGREE AND 06 CAPACITY