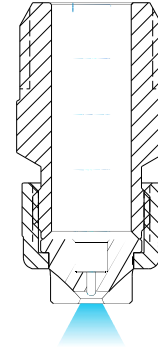


OVERVIEW: UNIJET® HYDRAULIC SPRAY TIPS

- These tips provide hydraulic liquid atomizing for automatic nozzles
- Standard UniJet TPU Series tips available for flat spray patterns
- Tungsten carbide TP UniJet Series tips are used for high pressure spraying
- Premium UniJet PWMD Series and PWMM Series tips provide auto-alignment of flat spray patterns for selected PulsaJet® nozzles
- UniJet TG and TG-W Series tips provide full cone and wide angle spray patterns
- TX and TN Series tips provide hollow cone spray patterns
- TN-SSTC Series tips provide hollow cone spray patterns with fine spray atomization



UniJet Flat Spray Tips

As the liquid exits through the sharp V shape cut of the orifice, it forms into a flat spray pattern. The distribution is tapered from the center of the spray.

QUICK REFERENCE GUIDE

UniJet Tips	Nozzles	Spray Pattern	Spray Angle	Max Pressure (liquid)	Max Flow	Page Number
TPU tips	PulsaJet Series (except for 104210, 104214, 104215 and 0050) JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH Series	Flat Spray	0° to 110°	500 psi (35 bar)	25 gpm (94 lpm)	D6
PWMD tips	PulsaJet 104210, 104214, 104215	Flat Spray	65° to 110°	100 psi (7 bar)	.47 gpm (1.78 lpm)	D12
PWMM tips	PulsaJet 0050	Flat Spray	0° to 110°	200 psi (14 bar)	.050 gpm (.189 lpm)	D12
TP-TC tips	JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH Series	Flat Spray	5° to 110°	3000 psi (207 bar)	17.4 gpm (66 lpm)	D13
TG tips	JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH Series	Full Cone	50° to 67°	150 psi (10 bar)	3.5 gpm (13 lpm)	D17
TG-W tips	JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH Series	Full Cone Wide Angle	102° to 120°	80 psi (6 bar)	9.1 gpm (34 lpm)	D17
TX tips	JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH Series	Hollow Cone	40° to 78°	400 psi (28 bar)	82 gpm (310 lpm)	D18
TN tips	JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH Series	Hollow Cone	35° to 91°	1000 psi (70 bar)	130 gpm (492 lpm)	D18
TN-SSTC tips	JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH Series	Hollow Cone	—	2000 psi (140 bar)	184 gpm (697 lpm)	D19



UNIJET® HYDRAULIC SPRAY TIPS OPTIONS

UniJet® Flat Spray Series

- Flat spray pattern with tapered edges provides uniform coverage when sprays overlap
- TPU Series for use with a variety of automatic spray nozzles
- TP-TC Series
 - High pressure capability provides higher impact
 - Erosion-resistant tungsten carbide orifice insert provides extended wear life
 - Excellent corrosion resistance
 - Tip orifice insert is recessed in a solid stainless steel tip body to protect against damage
 - For use with high pressure automatic spray nozzles



Premium UniJet Flat Spray Series

- Flat spray pattern with tapered edges provides uniform coverage when sprays overlap
- Automatic spray pattern alignment with 5° pattern offset
- PWMD Series for use with selected PulsaJet® automatic spray nozzles
- PWMM Series for use with PulsaJet 0050 automatic spray nozzles



UniJet Full Cone Series

- TG Series tips provide a full cone spray pattern
- TG-W Series tips provide wide angle full cone spray pattern
- For use with a variety of automatic spray nozzles



UniJet Hollow Cone Series

- TX Series and TN Series tips provide a hollow cone spray pattern
- For use with a variety of automatic spray nozzles
- TN-SSTC Series
 - High pressure capability for fine spray atomization
 - Erosion-resistant tungsten carbide orifice insert provides extended wear life
 - Excellent corrosion resistance
 - For use with high pressure automatic spray nozzles



**SPRAY
PERFORMANCE
DATA**

UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS

FOR PULSAJET® SERIES*, JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH SERIES



**PERFORMANCE DATA:
UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS**

Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
110°	0033	.015	–	–	.023	.033	.047	.052	.07	.09	.12	91	110	116	121
	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	91	110	118	124
	0067	.021	–	–	.05	.067	.09	.11	.15	.18	.24	92	110	118	124
	01	.026	.035	.05	.07	.10	.14	.16	.22	.27	.35	94	110	121	124
	015	.032	.05	.08	.11	.15	.21	.24	.34	.41	.53	97	110	121	124
	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	98	110	120	123
	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	99	110	120	123
	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	100	110	119	122
	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	100	110	118	122
	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	101	110	117	122
	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	102	110	117	121
	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	102	110	117	121
	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	103	110	117	119
	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	103	110	117	119
	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	104	110	117	118
	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	105	110	117	118
30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	105	110	117	118	
95°	01	.026	.035	.05	.07	.10	.14	.16	.22	.27	.35	81	95	105	113
	015	.032	.05	.08	.11	.15	.21	.24	.34	.41	.53	82	95	105	113
	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	82	95	105	113
	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	83	95	104	111
	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	84	95	103	108
	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	84	95	102	107
	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	86	95	101	106
	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	86	95	101	106
	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	87	95	100	105
	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	89	95	100	105
	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	89	95	100	105
	11	.083	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	89	95	100	105
	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	89	95	100	105
	13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	89	95	100	105
	14	.093	.49	.70	.99	1.4	2.0	2.2	3.1	3.8	4.9	89	95	100	105
	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	90	95	100	105
	16	.100	.57	.80	1.1	1.6	2.3	2.5	3.6	4.4	5.7	90	95	100	105
	18	.106	.64	.90	1.3	1.8	2.5	2.8	4.0	4.9	6.4	90	95	100	105
	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	90	95	100	105
	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	91	95	101	105
40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	92	95	100	105	
50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	93	95	99	103	
60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	93	95	99	103	
70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	93	95	99	103	

Other body types may be available. Contact your sales engineer for further information. **Highlighted column shows the rated pressure of the nozzles.**

*PulsaJet® Series (except for 104210, 104214, 104215 and 0050)



UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS

FOR PULSAJET® SERIES*, JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH SERIES

SPRAY PERFORMANCE DATA

PERFORMANCE DATA: UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS															
Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
80°	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	61	80	95	101
	0067	.021	–	.033	.05	.067	.09	.11	.15	.18	.24	67	80	94	99
	01	.026	–	.05	.07	.10	.14	.16	.22	.27	.35	68	80	89	92
	015	.032	–	.08	.11	.15	.21	.24	.34	.41	.53	68	80	89	92
	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	69	80	88	91
	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	70	80	87	90
	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	71	80	86	89
	045	.053	.16	.23	.32	.45	.64	.71	1.0	1.2	1.6	71	80	86	89
	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	71	80	86	89
	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	72	80	85	88
	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	72	80	85	88
	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	72	80	84	87
	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	73	80	84	87
	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	73	80	84	87
	11	.083	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	73	80	83	86
	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	73	80	83	86
	13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	73	80	83	86
	14	.093	.49	.70	.99	1.4	2.0	2.2	3.1	3.8	4.9	73	80	83	86
	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	74	80	83	86
	16	.100	.57	.80	1.1	1.6	2.3	2.5	3.6	4.4	5.7	74	80	83	86
17	.103	.60	.85	1.2	1.7	2.4	2.7	3.8	4.7	6.0	74	80	83	86	
20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	74	80	83	86	
25	.121	.88	1.3	1.8	2.5	3.5	4.0	5.6	6.8	8.8	74	80	83	86	
30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	74	80	83	86	
40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	74	80	83	86	
50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	74	80	83	85	
60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	75	80	83	85	
70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	75	80	83	86	
73°	0023	.012	–	–	.016	.023	.032	.036	.051	.063	.081	50	73	89	97
	0039	.016	–	.020	.028	.039	.055	.062	.087	.11	.14	53	73	87	93
	0077	.023	–	.039	.055	.077	.11	.12	.17	.21	.27	53	73	86	92
	0116	.028	.041	.058	.082	.12	.16	.18	.26	.32	.41	54	73	85	90
	0154	.032	.054	.077	.11	.15	.22	.24	.34	.42	.54	55	73	84	88
	0231	.038	.082	.12	.16	.23	.33	.37	.52	.63	.82	56	73	83	87
	0308	.044	.11	.15	.22	.31	.44	.49	.69	.84	1.1	58	73	82	86
	0385	.049	.14	.19	.27	.39	.54	.61	.86	1.1	1.4	59	73	81	85
	0462	.054	.16	.23	.33	.46	.65	.73	1.0	1.3	1.6	60	73	80	84
	0616	.062	.22	.31	.44	.62	.87	.97	1.4	1.7	2.2	63	73	79	83
	0770	.069	.27	.39	.54	.77	1.1	1.2	1.7	2.1	2.7	64	73	77	82
	0924	.076	.33	.46	.65	.92	1.3	1.5	2.1	2.5	3.3	65	73	77	80

Other body types may be available. Contact your sales engineer for further information. **Highlighted column shows the rated pressure of the nozzles.**

*PulsaJet® Series (except for 104210, 104214, 104215 and 0050)



PAWIN Engineering Co., Ltd.
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Spraying Systems Co.®

UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS

FOR PULSAJET® SERIES*, JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH SERIES

**PERFORMANCE DATA:
UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS**

Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
65°	0017	.011	–	–	.012	.017	.024	.027	.038	.047	.06	44	65	77	86
	0025	.013	–	–	.018	.025	.035	.040	.06	.07	.09	45	65	77	84
	0033	.015	–	–	.023	.033	.047	.052	.07	.09	.12	47	65	76	83
	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	48	65	75	82
	0067	.021	–	.033	.05	.067	.09	.11	.15	.18	.24	50	65	75	81
	01	.026	–	.05	.07	.10	.14	.16	.22	.27	.35	51	65	74	80
	015	.032	–	.08	.11	.15	.21	.24	.34	.41	.53	51	65	74	80
	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	52	65	73	79
	025	.039	.09	.13	.18	.25	.35	.40	.56	.68	.88	52	65	73	79
	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	53	65	72	78
	035	.047	.12	.18	.25	.35	.49	.55	.78	.96	1.2	53	65	72	78
	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	53	65	72	76
	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	53	65	72	76
	055	.059	.19	.28	.39	.55	.78	.87	1.2	1.5	1.9	53	65	72	76
	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	54	65	72	75
	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	54	65	72	75
	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	55	65	71	74
	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	55	65	71	74
	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	56	65	71	74
	11	.083	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	56	65	71	74
12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	56	65	71	74	
13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	56	65	71	74	
14	.093	.49	.70	.99	1.4	2.0	2.2	3.1	3.8	4.9	56	65	71	74	
15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	56	65	70	73	
20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	57	65	70	73	
30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	58	65	69	72	
40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	59	65	68	72	
50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	60	65	68	71	
60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	60	65	68	71	
70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	60	65	68	71	
50°	0017	.011	–	–	.012	.017	.024	.027	.038	.047	.06	27	50	65	74
	0025	.013	–	–	.018	.025	.035	.040	.06	.07	.09	29	50	64	71
	0033	.015	–	–	.023	.033	.047	.052	.07	.09	.12	30	50	62	68
	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	32	50	60	66
	0067	.021	–	–	.05	.067	.09	.11	.15	.18	.24	35	50	60	66
	01	.026	–	.05	.07	.10	.14	.16	.22	.27	.35	37	50	59	65
	015	.032	–	.08	.11	.15	.21	.24	.34	.41	.53	38	50	58	64
	02	.035	–	.10	.14	.20	.28	.32	.45	.55	.71	39	50	57	63
	025	.039	.09	.13	.18	.25	.35	.40	.56	.68	.88	40	50	57	63
	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	40	50	56	62
	035	.047	.12	.18	.25	.35	.49	.55	.78	.96	1.2	40	50	56	61

Other body types may be available. Contact your sales engineer for further information. **Highlighted column shows the rated pressure of the nozzles.**

*PulsaJet® Series (except for 104210, 104214, 104215 and 0050)



UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS

FOR PULSAJET® SERIES*, JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH SERIES

SPRAY PERFORMANCE DATA

PERFORMANCE DATA: UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS

Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
50°	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	42	50	56	61
	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	44	50	56	61
	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	45	50	56	60
	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	45	50	56	60
	075	.068	.27	.38	.53	.75	1.1	1.2	1.7	2.1	2.7	45	50	55	60
	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	45	50	55	60
	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	45	50	55	59
	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	45	50	55	59
	13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	45	50	55	59
	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	45	50	55	59
	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	45	50	55	59
	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	45	50	55	59
	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	46	50	54	59
	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	46	50	54	59
	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	46	50	54	59
70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	46	50	54	59	
40°	0017	.011	-	-	.012	.017	.024	.027	.038	.047	.06	21	40	54	61
	0025	.013	-	-	.018	.025	.035	.040	.06	.07	.09	22	40	53	60
	0033	.015	-	-	.023	.033	.047	.052	.07	.09	.12	22	40	53	60
	0050	.018	-	-	.035	.050	.07	.08	.11	.14	.18	22	40	53	60
	0067	.021	-	-	.05	.067	.09	.11	.15	.18	.24	24	40	53	60
	01	.026	-	-	.07	.10	.14	.16	.22	.27	.35	26	40	52	59
	015	.032	-	-	.11	.15	.21	.24	.34	.41	.53	27	40	52	59
	02	.035	-	.10	.14	.20	.28	.32	.45	.55	.71	29	40	51	58
	025	.039	-	.13	.18	.25	.35	.40	.56	.68	.88	29	40	51	58
	03	.043	-	.15	.21	.30	.42	.47	.67	.82	1.1	30	40	50	57
	04	.050	-	.20	.28	.40	.57	.63	.89	1.1	1.4	30	40	50	56
	05	.056	-	.25	.35	.50	.71	.79	1.1	1.4	1.8	31	40	49	55
	055	.059	-	.28	.39	.55	.78	.87	1.2	1.5	1.9	31	40	49	55
	06	.061	-	.30	.42	.60	.85	.95	1.3	1.6	2.1	31	40	49	55
	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	31	40	49	55
	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	31	40	47	53
	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	32	40	45	48
	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	32	40	45	48
	11	.083	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	32	40	45	48
	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	32	40	45	48
13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	32	40	45	48	
15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	32	40	45	48	
20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	32	40	45	48	
25	.121	.88	1.3	1.8	2.5	3.5	4.0	5.6	6.8	8.8	32	40	45	48	
30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	33	40	45	48	

Other body types may be available. Contact your sales engineer for further information. **Highlighted column shows the rated pressure of the nozzles.**

*PulsaJet® Series (except for 104210, 104214, 104215 and 0050)



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Spraying Systems Co.®

**SPRAY
PERFORMANCE
DATA**

UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS

FOR PULSAJET® SERIES*, JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH SERIES

**PERFORMANCE DATA:
UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS**

Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
40°	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	34	40	45	48
	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	35	40	45	48
	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	35	40	45	48
	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	35	40	45	48
25°	0017	.011	-	-	-	.017	.024	.027	.038	.047	.06	-	25	35	47
	0025	.013	-	-	-	.025	.035	.040	.06	.07	.09	-	25	35	45
	0033	.015	-	-	-	.033	.047	.052	.07	.09	.12	-	25	34	44
	0050	.018	-	-	-	.050	.07	.08	.11	.14	.18	-	25	34	43
	0067	.021	-	-	-	.067	.09	.11	.15	.18	.24	-	25	34	42
	01	.026	-	-	.07	.10	.14	.16	.22	.27	.35	14	25	34	42
	015	.032	-	-	.11	.15	.21	.24	.34	.41	.53	15	25	34	41
	02	.035	-	-	.14	.20	.28	.32	.45	.55	.71	15	25	33	40
	03	.043	-	-	.21	.30	.42	.47	.67	.82	1.1	15	25	33	40
	04	.050	-	.20	.28	.40	.57	.63	.89	1.1	1.4	16	25	32	39
	05	.056	-	.25	.35	.50	.71	.79	1.1	1.4	1.8	16	25	32	39
	055	.059	-	.28	.39	.55	.78	.87	1.2	1.5	1.9	16	25	32	39
	06	.061	-	.30	.42	.60	.85	.95	1.3	1.6	2.1	17	25	31	38
	07	.066	-	.35	.49	.70	.99	1.1	1.6	1.9	2.5	17	25	31	38
	08	.071	-	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	17	25	31	38
	09	.075	-	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	17	25	31	38
	10	.079	-	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	18	25	31	37
	13	.090	-	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	18	25	31	37
	15	.097	-	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	18	25	31	37
	20	.112	-	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	19	25	31	37
30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	20	25	30	36	
40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	21	25	29	35	
50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	21	25	29	35	
60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	22	25	29	35	
70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	22	25	29	35	
15°	0017	.011	-	-	-	.017	.024	.027	.038	.047	.06	-	15	30	37
	0025	.013	-	-	-	.025	.035	.040	.06	.07	.09	-	15	28	34
	0033	.015	-	-	-	.033	.047	.052	.07	.09	.12	-	15	27	32
	0050	.018	-	-	-	.050	.07	.08	.11	.14	.18	-	15	26	30
	0067	.021	-	-	-	.067	.09	.11	.15	.18	.24	-	15	25	29
	01	.026	-	-	-	.10	.14	.16	.22	.27	.35	-	15	24	28
	015	.032	-	-	-	.15	.21	.24	.34	.41	.53	-	15	23	27
	02	.035	-	-	.14	.20	.28	.32	.45	.55	.71	6	15	22	27
	03	.043	-	-	.21	.30	.42	.47	.67	.82	1.1	6	15	22	27
	04	.050	-	-	.28	.40	.57	.63	.89	1.1	1.4	7	15	21	26
	05	.056	-	-	.35	.50	.71	.79	1.1	1.4	1.8	7	15	21	26
	055	.059	-	-	.39	.55	.78	.87	1.2	1.5	1.9	7	15	21	26

Other body types may be available. Contact your sales engineer for further information. **Highlighted column shows the rated pressure of the nozzles.**

*PulsaJet® Series (except for 104210, 104214, 104215 and 0050)



UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS

FOR PULSAJET® SERIES*, JAUH, JJAUH, AA22AUH, AA24AUA, AA26AUH, D55500-JAUH SERIES

SPRAY PERFORMANCE DATA

PERFORMANCE DATA: UNIJET® TPU HYDRAULIC FLAT SPRAY TIPS

Spray Angle at 40 psi	Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
15°	06	.061	–	–	.42	.60	.85	.95	1.3	1.6	2.1	8	15	21	26
	07	.066	–	–	.49	.70	.99	1.1	1.6	1.9	2.5	8	15	21	26
	08	.071	–	–	.57	.80	1.1	1.3	1.8	2.2	2.8	9	15	20	25
	09	.075	–	–	.64	.90	1.3	1.4	2.0	2.5	3.2	9	15	20	25
	10	.079	–	–	.71	1.0	1.4	1.6	2.2	2.7	3.5	10	15	19	24
	11	.083	–	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	10	15	19	24
	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	10	15	19	24
	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	10	15	19	24
	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	10	15	19	23
	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	10	15	19	21
	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	10	15	18	21
	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	11	15	18	21
	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	11	15	18	21
	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	11	15	18	21
0°	0009	.008	.003	.003	.005	.009	.013	.014	.020	.025	.032	0° Solid Stream			
	0012	.010	.004	.006	.008	.012	.017	.019	.027	.033	.042				
	0019	.012	.007	.009	.013	.019	.027	.030	.043	.052	.067				
	0021	.013	.007	.010	.011	.023	.033	.040	.047	.052	.074				
	0033	.016	.01	.02	.023	.033	.047	.052	.07	.09	.12				
	0050	.019	.018	.025	.035	.050	.07	.08	.11	.14	.18				
	0067	.023	.024	.033	.05	.067	.09	.11	.15	.18	.24				
	01	.028	.035	.05	.07	.10	.14	.16	.22	.27	.35				
	015	.034	.05	.08	.11	.15	.21	.24	.34	.41	.53				
	02	.039	.07	.10	.14	.20	.28	.32	.45	.55	.71				
	03	.041	.11	.15	.21	.30	.42	.47	.67	.82	1.1				
	04	.047	.14	.20	.28	.40	.57	.63	.89	1.1	1.4				
	045	.052	.16	.23	.32	.45	.64	.71	1.0	1.2	1.6				
	05	.053	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8				
	055	.055	.19	.28	.39	.55	.78	.87	1.2	1.5	1.9				
	06	.058	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1				
	065	.060	.23	.33	.46	.65	.92	1.0	1.5	1.8	2.3				
	07	.062	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5				
	08	.067	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8				
	09	.071	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2				
	10	.075	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5				
	11	.079	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9				
	12	.082	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2				
	15	.091	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3				
20	.106	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1					
30	.129	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6					
40	.149	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1					

Other body types may be available. Contact your sales engineer for further information. **Highlighted column shows the rated pressure of the nozzles.**

*PulsaJet® Series (except for 104210, 104214, 104215 and 0050)



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Spraying Systems Co.®



**PERFORMANCE DATA:
UNIJET PWMD PREMIUM HYDRAULIC FLAT SPRAY TIPS***

Tip No. TPU PWMD	Equiv Orifice Dia.	Marking	Flow Rate Capacity (gallons per minute)					Spray Angle (°)		
			20 psi	40 psi	60 psi	80 psi	100 psi	20 psi	40 psi	80 psi
1100050	.018	WJ	.035	.050	.06	.07	.08	91	110	118
11001	.026	WL	.07	.10	.12	.14	.16	94	110	121
11002	.035	WN	.14	.20	.24	.28	.32	98	110	120
11003	.043	WO	.21	.30	.37	.42	.47	99	110	120
950033	.015	9H	.020	.033	.040	.050	.050	81	95	105
950050	.018	9J	.035	.050	.06	.07	.08	81	95	105
9501	.026	9L	.07	.10	.12	.14	.16	81	95	105
9502	.035	9N	.14	.20	.24	.28	.32	82	95	105
9503	.043	9O	.21	.30	.37	.42	.47	83	95	104
800033	.015	8H	.020	.033	.040	.050	.050	61	80	95
800050	.018	8J	.035	.050	.06	.07	.08	61	80	95
8001	.026	8L	.07	.10	.12	.14	.16	68	80	89
8002	.035	8N	.14	.20	.24	.28	.32	69	80	88
8003	.043	8O	.21	.30	.37	.42	.47	70	80	87
650033	.015	6H	.020	.033	.040	.050	.050	47	65	76
650050	.018	6J	.035	.050	.06	.07	.08	48	65	75
6501	.026	6L	.07	.10	.12	.14	.16	51	65	74
6502	.035	6N	.14	.20	.24	.28	.32	52	65	73
6503	.043	6O	.21	.30	.37	.42	.47	53	65	72

*For PulsaJet 104210, 104214, 104215



**PERFORMANCE DATA:
UNIJET PWMM PREMIUM HYDRAULIC FLAT SPRAY TIPS***

Tip No. TPU_PWMM-SS	Marking	Flow Rate Capacity (gallons per minute)	Spray Angle (°)
		40 psi	40 psi
1100033	WH	.033	110
1100050	WJ	.050	110
950025	9G	.025	95
950033	9H	.033	95
950050	9J	.050	95
800025	8G	.025	80
800033	8H	.033	80
800050	8J	.050	80
650025	6G	.025	65
650033	6H	.033	65
650050	6J	.050	65

*For PulsaJet 0050 nozzles

