

ConeJet® VisiFlo® Hollow Cone Spray Tips



Typical Applications:

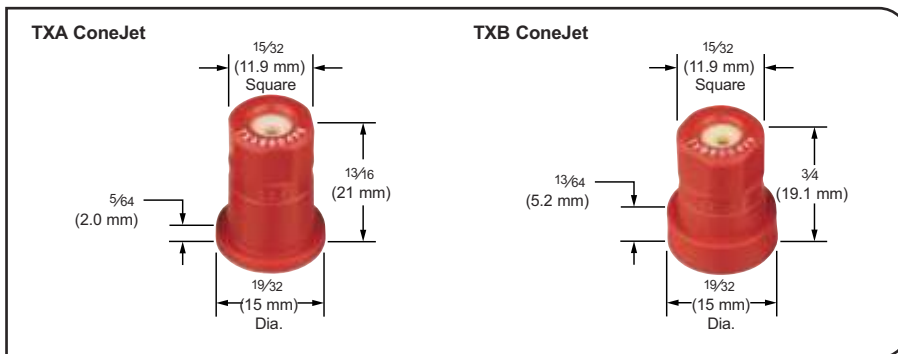
Excellent: Post-Emerge Contact Herbicides, Fungicides and Insecticides—To assure finely atomized spray droplets reach target areas.

Good: For use with defoliant and foliar fertilizers at pressures 40 PSI (3 bar) and above.

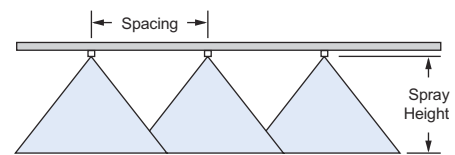
Features:

- Maximum operating pressure 300 PSI (20 bar). Spray angle is 80° at 100 PSI (7 bar).
- Finely atomized spray pattern provides thorough coverage.
- Longer wear life.
- Resists corrosion.

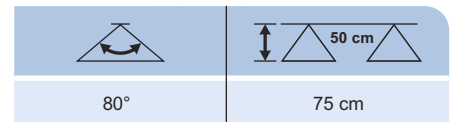
- Accepts more abrasive pesticide formulation.
- Polypropylene body for use with corrosive materials and ceramic insert.
- Popular nozzle sizes fit most sprayers.
- Incorporates ISO color-coding scheme.



Nozzle	bar	CAPACITY ONE NOZZLE IN l/min	l/ha 50 cm									
			5 km/h	6 km/h	7 km/h	8 km/h	9 km/h	10 km/h	12 km/h	14 km/h	16 km/h	
TXA800050VK TXB800050VK (100)	5.0	0.25	60.0	50.0	42.9	37.5	33.3	30.0	25.0	21.4	18.8	
	7.0	0.28	67.2	56.0	48.0	42.0	37.3	33.6	28.0	24.0	21.0	
	10.0	0.33	79.2	66.0	56.6	49.5	44.0	39.6	33.0	28.3	24.8	
	15.0	0.39	93.6	78.0	66.9	58.5	52.0	46.8	39.0	33.4	29.3	
TXA800067VK TXB800067VK (50)	5.0	0.33	79.2	66.0	56.6	49.5	44.0	39.6	33.0	28.3	24.8	
	7.0	0.39	93.6	78.0	66.9	58.5	52.0	46.8	39.0	33.4	29.3	
	10.0	0.45	108	90.0	77.1	67.5	60.0	54.0	45.0	38.6	33.8	
	15.0	0.55	132	110	94.3	82.5	73.3	66.0	55.0	47.1	41.3	
TXA8001VK TXB8001VK (50)	5.0	0.50	120	100	85.7	75.0	66.7	60.0	50.0	42.9	37.5	
	7.0	0.58	139	116	99.4	87.0	77.3	69.6	58.0	49.7	43.5	
	10.0	0.68	163	136	117	102	90.7	81.6	68.0	58.3	51.0	
	15.0	0.82	197	164	141	123	109	98.4	82.0	70.3	61.5	
TXA80015VK TXB80015VK (50)	5.0	0.75	180	150	129	113	100	90.0	75.0	64.3	56.3	
	7.0	0.88	211	176	151	132	117	106	88.0	75.4	66.0	
	10.0	1.00	240	200	171	150	133	120	100	85.7	75.0	
	15.0	1.30	312	260	223	195	173	156	130	111	97.5	
TXA8002VK TXB8002VK (50)	5.0	1.00	240	200	171	150	133	120	100	85.7	75.0	
	7.0	1.20	288	240	206	180	160	144	120	103	90.0	
	10.0	1.40	336	280	240	210	187	168	140	120	105	
	15.0	1.70	408	340	291	255	227	204	170	146	128	
TXA8003VK TXB8003VK (50)	5.0	1.50	360	300	257	225	200	180	150	129	113	
	7.0	1.80	432	360	309	270	240	216	180	154	135	
	10.0	2.20	528	440	377	330	293	264	220	189	165	
	15.0	2.60	624	520	446	390	347	312	260	223	195	
TXA8004VK TXB8004VK (50)	5.0	2.10	504	420	360	315	280	252	210	180	158	
	7.0	2.40	576	480	411	360	320	288	240	206	180	
	10.0	2.90	696	580	497	435	387	348	290	249	218	
	15.0	3.60	864	720	617	540	480	432	360	309	270	
	20.0	4.10	984	820	703	615	547	492	410	351	308	



Optimum Spray Height



Reference technical section page 153 for a complete table of spray heights and coverages.

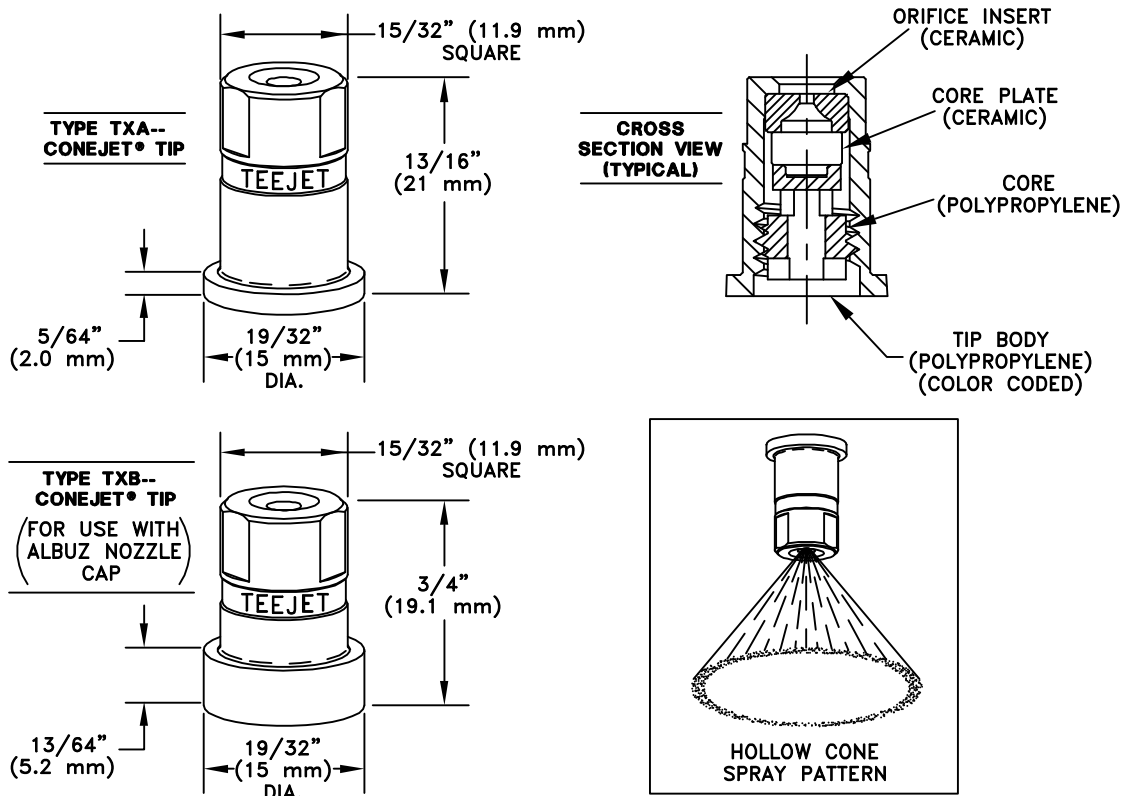
How to order:

Specify tip number.

Example:

TXA8004VK – Ceramic with VisiFlo color-coding

Note: Always double check your application rates. See pages 153-157 for useful formulas and information.



FEATURES:

- LONGER WEAR LIFE
- RESISTS CORROSION
- ACCEPTS MORE ABRASIVE PESTICIDE FORMULATIONS
- POLYPROPYLENE BODY & CERAMIC INSERT
- POPULAR NOZZLE SIZES FIT MOST SPRAYERS
- OPERATES AT HIGHER PRESSURES UP TO 300 PSI (20 bar)
- INCORPORATES ISO COLOR CODING SCHEME

CONEJET TIP No.		TIP COLOR (VISIFLO)	ORIFICE DIA. mm	MESH OF SCREEN	CAPACITY IN L/min (LITERS PER MINUTE) AT PRESSURE bar										SPRAY ANGLE AT bar			
TYPE TXA	TYPE TXB				2	3	4	5	6	7	8	10	15	20	2	3	7	20
TXA800050VK	TXB800050VK	PURPLE	0.86	100	0.16	0.19	0.22	0.25	0.27	0.28	0.30	0.33	0.39	0.45	68°	72°	80°	83°
TXA800067VK	TXB800067VK	OLIVE GREEN	1.04	50	0.22	0.26	0.30	0.33	0.36	0.39	0.41	0.45	0.55	0.62	70°	73°	80°	81°
TXA8001VK	TXB8001VK	ORANGE	1.19	50	0.33	0.39	0.45	0.50	0.54	0.58	0.62	0.68	0.82	0.93	71°	74°	80°	80°
TXA80015VK	TXB80015VK	GREEN	1.45	50	0.49	0.59	0.68	0.75	0.82	0.88	0.94	1.0	1.3	1.5	72°	75°	80°	80°
TXA8002VK	TXB8002VK	YELLOW	1.70	50	0.65	0.79	0.90	1.0	1.1	1.2	1.3	1.4	1.7	2.0	73°	76°	80°	78°
TXA8003VK	TXB8003VK	BLUE	2.00	50	0.97	1.2	1.4	1.5	1.7	1.8	1.9	2.2	2.6	3.0	75°	77°	80°	77°
TXA8004VK	TXB8004VK	RED	2.26	50	1.3	1.6	1.8	2.1	2.3	2.4	2.6	2.9	3.6	4.1	76°	78°	80°	80°

DESCRIPTION:

TYPE TXA & TXB - - VK CERAMIC VISIFLO CONEJET TIPS

(METRIC)



Spraying Systems Co.®

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Rev. No. 1

Ref.

Data Sheet No.

38010M

SHEET OF

TXA(B)800050VK TX-VK3 ConeJet® Spray Tip			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	61	124	175
4	56	107	154
6	53	100	141
8	51	95	131
10	49	92	123
12	48	90	117
14	47	89	111
16	46	88	105
18	45	87	100
20	44	87	96

TXA(B)800067VK TX-VK4 ConeJet® Spray Tip			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	65	133	187
4	59	115	164
6	56	106	150
8	54	101	140
10	52	98	132
12	51	96	124
14	50	95	118
16	49	94	112
18	48	93	107
20	47	92	103

TXA(B)8001VK TX-VK6 ConeJet® Spray Tip			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	75	153	215
4	68	132	189
6	65	122	173
8	62	117	161
10	60	113	151
12	59	110	143
14	57	109	136
16	56	108	129
18	55	107	123
20	54	106	118

TX-VK8 ConeJet® Spray Tip			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	84	173	244
4	77	150	214
6	73	139	196
8	70	132	182
10	68	128	171
12	66	125	162
14	65	123	154
16	63	122	146
18	62	121	140
20	61	120	134

TXA(B)80015VK			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	88	181	256
4	81	157	224
6	77	146	205
8	74	139	191
10	72	134	180
12	70	131	170
14	68	129	161
16	66	128	153
18	65	127	147
20	64	126	140

TX-VK10 ConeJet® Spray Tip			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	92	189	267
4	85	164	234
6	80	152	214
8	77	145	200
10	75	140	188
12	73	137	177
14	71	135	168
16	69	133	160
18	68	132	153
20	67	132	146

TXA(B)8002VK TX-VK12 ConeJet® Spray Tip			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	102	208	293
4	93	180	258
6	88	167	236
8	85	159	220
10	82	154	206
12	80	151	195
14	78	148	185
16	76	147	176
18	75	146	168
20	73	145	161


TXA(B)8003VK TX-VK18 ConeJet® Spray Tip			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	115	235	331
4	105	203	291
6	100	188	266
8	96	180	248
10	93	174	233
12	90	170	220
14	88	167	209
16	86	166	199
18	84	164	190
20	83	164	182

TXA(B)8004VK			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	127	261	367
4	116	226	323
6	111	209	295
8	106	200	275
10	103	193	259
12	100	189	244
14	98	185	232
16	95	183	221
18	93	182	210
20	92	181	202

TX-VK26 ConeJet® Spray Tip			
PRESSURE bar	Dv0.1	Dv0.5	Dv0.9
2	131	269	379
4	120	233	333
6	114	216	305
8	109	206	284
10	106	199	267
12	103	195	252
14	101	191	239
16	98	189	228
18	96	188	217
20	95	187	208

Data is based on spraying water under laboratory conditions using Aerometrics Phase Doppler Particle Analyzer (PDPA).

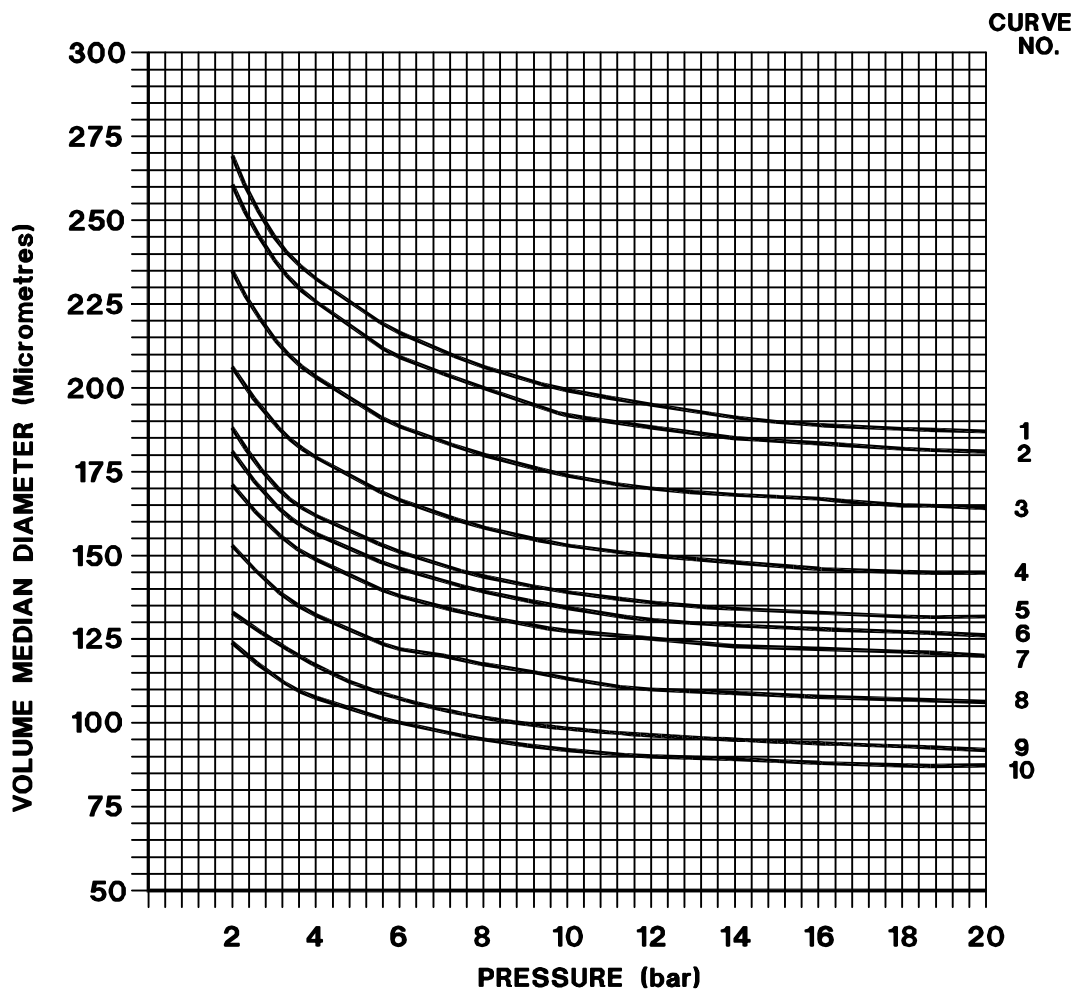
DESCRIPTION:
TX-VK CONEJET HOLLOW CONE
SPRAY TIPS DROP SIZE DATA IN
MICROMETERS VERSUS PRESSURE
(METRIC)
CAPACITIES TXVK-3 THRU TXVK-26
SPRAYING WATER AT 21 DEG. C.



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Rev. No.	Data Sheet No. 37043-8M SHEET OF
Ref.	

DESCRIPTION
TXVK CONEJET® HOLLOW CONE
SPRAY TIPS VOLUME MEDIAN DIAMETER
VERSUS PRESSURE CURVES
TXA(B)800050 THRU TXA(B)8004VK
CAPACITIES TX-VK3 THRU TX-VK26
SPRAYING WATER AT 21° C



Curve No.	CONEJET SPRAY TIP	Curve No.	CONEJET SPRAY TIP
1	TX-VK26	6	TXA(B)80015VK
2	TXA(B)8004VK	7	TX-VK8
3	TX-VK18/TXA(B)8003VK	8	TX-VK6/TXA(B)8001VK
4	TX-VK12/TXA(B)8002VK	9	TX-VK4/TXA(B)80067VK
5	TX-VK10	10	TX-VK3/TXA(B)800050VK



Spraying Systems Co.

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Date

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