

# Turbo TeeJet® Induction Flat Spray Tips

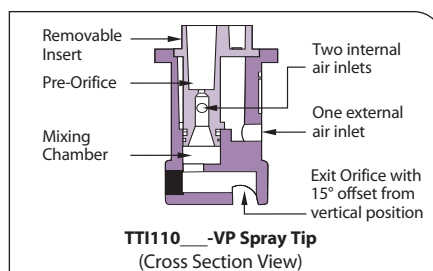


## Typical Applications:

See selection guide on page 4 for recommended typical applications for Turbo TeeJet Induction tips.

## Features:

- 110° wide angle, air induction, tapered flat spray tip pattern based on the patented outlet orifice design of the original Turbo TeeJet® nozzle.
- Patented orifice design provides large, round passages to minimize plugging.
- Depending on the chemical, produces large air-filled drops through a Venturi air aspirator resulting in less drift.
- All polymer construction for excellent chemical and wear resistance.
- Compact size to prevent tip damage.
- Removable pre-orifice.
- Ideal for use with automatic sprayer controllers.



**Note:** Due to pre-orifice design, this tip is not compatible with the 4193A check valve tip strainer.



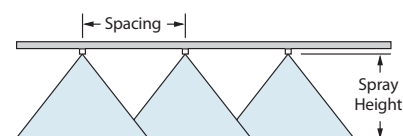
- Wide operating pressure range: 15–100 PSI (1–7 bar).
- Automatic alignment when used with 25598-/-NYR Quick TeeJet® cap and gasket. See page 64 for additional information.



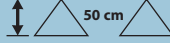
|  |  | DROPSIZE | CAPACITY<br>ONE<br>NOZZLE<br>IN l/min | l/ha  |        |        |        |        |         |         |         |         |         |         |         |         |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|---------------------------------------|----------------------------------------------------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|--|
|                                                                                   |                                                                                   |          |                                       | 4 km/h                                                                                 | 5 km/h | 6 km/h | 7 km/h | 8 km/h | 10 km/h | 12 km/h | 16 km/h | 18 km/h | 20 km/h | 25 km/h | 30 km/h | 35 km/h |  |
| TTI110015<br>(100)                                                                | 1.0                                                                               | UC       | 0.34                                  | 102                                                                                    | 81.6   | 68.0   | 58.3   | 51.0   | 40.8    | 34.0    | 25.5    | 22.7    | 20.4    | 16.3    | 13.6    | 11.7    |  |
|                                                                                   | 2.0                                                                               | UC       | 0.48                                  | 144                                                                                    | 115    | 96.0   | 82.3   | 72.0   | 57.6    | 48.0    | 36.0    | 32.0    | 28.8    | 23.0    | 19.2    | 16.5    |  |
|                                                                                   | 3.0                                                                               | UC       | 0.59                                  | 177                                                                                    | 142    | 118    | 101    | 88.5   | 70.8    | 59.0    | 44.3    | 39.3    | 35.4    | 28.3    | 23.6    | 20.2    |  |
|                                                                                   | 4.0                                                                               | XC       | 0.68                                  | 204                                                                                    | 163    | 136    | 117    | 102    | 81.6    | 68.0    | 51.0    | 45.3    | 40.8    | 32.6    | 27.2    | 23.3    |  |
|                                                                                   | 5.0                                                                               | XC       | 0.76                                  | 228                                                                                    | 182    | 152    | 130    | 114    | 91.2    | 76.0    | 57.0    | 50.7    | 45.6    | 36.5    | 30.4    | 26.1    |  |
|                                                                                   | 6.0                                                                               | XC       | 0.83                                  | 249                                                                                    | 199    | 166    | 142    | 125    | 99.6    | 83.0    | 62.3    | 55.3    | 49.8    | 39.8    | 33.2    | 28.5    |  |
|                                                                                   | 7.0                                                                               | XC       | 0.90                                  | 270                                                                                    | 216    | 180    | 154    | 135    | 108     | 90.0    | 67.5    | 60.0    | 54.0    | 43.2    | 36.0    | 30.9    |  |
| TTI11002<br>(50)                                                                  | 1.0                                                                               | UC       | 0.46                                  | 138                                                                                    | 110    | 92.0   | 78.9   | 69.0   | 55.2    | 46.0    | 34.5    | 30.7    | 27.6    | 22.1    | 18.4    | 15.8    |  |
|                                                                                   | 2.0                                                                               | UC       | 0.65                                  | 195                                                                                    | 156    | 130    | 111    | 97.5   | 78.0    | 65.0    | 48.8    | 43.3    | 39.0    | 31.2    | 26.0    | 22.3    |  |
|                                                                                   | 3.0                                                                               | UC       | 0.79                                  | 237                                                                                    | 190    | 158    | 135    | 119    | 94.8    | 79.0    | 59.3    | 52.7    | 47.4    | 37.9    | 31.6    | 27.1    |  |
|                                                                                   | 4.0                                                                               | UC       | 0.91                                  | 273                                                                                    | 218    | 182    | 156    | 137    | 109     | 91.0    | 68.3    | 60.7    | 54.6    | 43.7    | 36.4    | 31.2    |  |
|                                                                                   | 5.0                                                                               | XC       | 1.02                                  | 306                                                                                    | 245    | 204    | 175    | 153    | 122     | 102     | 76.5    | 68.0    | 61.2    | 49.0    | 40.8    | 35.0    |  |
|                                                                                   | 6.0                                                                               | XC       | 1.12                                  | 336                                                                                    | 269    | 224    | 192    | 168    | 134     | 112     | 84.0    | 74.7    | 67.2    | 53.8    | 44.8    | 38.4    |  |
|                                                                                   | 7.0                                                                               | XC       | 1.21                                  | 363                                                                                    | 290    | 242    | 207    | 182    | 145     | 121     | 90.8    | 80.7    | 72.6    | 58.1    | 48.4    | 41.5    |  |
| TTI110025<br>(50)                                                                 | 1.0                                                                               | UC       | 0.57                                  | 171                                                                                    | 137    | 114    | 97.7   | 85.5   | 68.4    | 57.0    | 42.8    | 38.0    | 34.2    | 27.4    | 22.8    | 19.5    |  |
|                                                                                   | 2.0                                                                               | UC       | 0.81                                  | 243                                                                                    | 194    | 162    | 139    | 122    | 97.2    | 81.0    | 60.8    | 54.0    | 48.6    | 38.9    | 32.4    | 27.8    |  |
|                                                                                   | 3.0                                                                               | UC       | 0.99                                  | 297                                                                                    | 238    | 198    | 170    | 149    | 119     | 99.0    | 74.3    | 66.0    | 59.4    | 47.5    | 39.6    | 33.9    |  |
|                                                                                   | 4.0                                                                               | UC       | 1.14                                  | 342                                                                                    | 274    | 228    | 195    | 171    | 137     | 114     | 85.5    | 76.0    | 68.4    | 54.7    | 45.6    | 39.1    |  |
|                                                                                   | 5.0                                                                               | XC       | 1.28                                  | 384                                                                                    | 307    | 256    | 219    | 192    | 154     | 128     | 96.0    | 85.3    | 76.8    | 61.4    | 51.2    | 43.9    |  |
|                                                                                   | 6.0                                                                               | XC       | 1.40                                  | 420                                                                                    | 336    | 280    | 240    | 210    | 168     | 140     | 105     | 93.3    | 84.0    | 67.2    | 56.0    | 48.0    |  |
|                                                                                   | 7.0                                                                               | XC       | 1.51                                  | 453                                                                                    | 362    | 302    | 259    | 227    | 181     | 151     | 113     | 101     | 90.6    | 72.5    | 60.4    | 51.8    |  |
| TTI11003<br>(50)                                                                  | 1.0                                                                               | UC       | 0.68                                  | 204                                                                                    | 163    | 136    | 117    | 102    | 81.6    | 68.0    | 51.0    | 45.3    | 40.8    | 32.6    | 27.2    | 23.3    |  |
|                                                                                   | 2.0                                                                               | UC       | 0.96                                  | 288                                                                                    | 230    | 192    | 165    | 144    | 115     | 96.0    | 72.0    | 64.0    | 57.6    | 46.1    | 38.4    | 32.9    |  |
|                                                                                   | 3.0                                                                               | UC       | 1.18                                  | 354                                                                                    | 283    | 236    | 202    | 177    | 142     | 118     | 88.5    | 78.7    | 70.8    | 56.6    | 47.2    | 40.5    |  |
|                                                                                   | 4.0                                                                               | UC       | 1.36                                  | 408                                                                                    | 326    | 272    | 233    | 204    | 163     | 136     | 102     | 90.7    | 81.6    | 65.3    | 54.4    | 46.6    |  |
|                                                                                   | 5.0                                                                               | XC       | 1.52                                  | 456                                                                                    | 365    | 304    | 261    | 228    | 182     | 152     | 114     | 101     | 91.2    | 73.0    | 60.8    | 52.1    |  |
|                                                                                   | 6.0                                                                               | XC       | 1.67                                  | 501                                                                                    | 401    | 334    | 286    | 251    | 200     | 167     | 125     | 111     | 100     | 80.2    | 66.8    | 57.3    |  |
|                                                                                   | 7.0                                                                               | XC       | 1.80                                  | 540                                                                                    | 432    | 360    | 309    | 270    | 216     | 180     | 135     | 120     | 108     | 86.4    | 72.0    | 61.7    |  |
| TTI11004<br>(50)                                                                  | 1.0                                                                               | UC       | 0.91                                  | 273                                                                                    | 218    | 182    | 156    | 137    | 109     | 91.0    | 68.3    | 60.7    | 54.6    | 43.7    | 36.4    | 31.2    |  |
|                                                                                   | 2.0                                                                               | UC       | 1.29                                  | 387                                                                                    | 310    | 258    | 221    | 194    | 155     | 129     | 96.8    | 86.0    | 77.4    | 61.9    | 51.6    | 44.2    |  |
|                                                                                   | 3.0                                                                               | UC       | 1.58                                  | 474                                                                                    | 379    | 316    | 271    | 237    | 190     | 158     | 119     | 105     | 94.8    | 75.8    | 63.2    | 54.2    |  |
|                                                                                   | 4.0                                                                               | UC       | 1.82                                  | 546                                                                                    | 437    | 364    | 312    | 273    | 218     | 182     | 137     | 121     | 109     | 87.4    | 72.8    | 62.4    |  |
|                                                                                   | 5.0                                                                               | XC       | 2.04                                  | 612                                                                                    | 490    | 408    | 350    | 306    | 245     | 204     | 153     | 136     | 122     | 97.9    | 81.6    | 69.9    |  |
|                                                                                   | 6.0                                                                               | XC       | 2.23                                  | 669                                                                                    | 535    | 446    | 382    | 335    | 268     | 223     | 167     | 149     | 134     | 107     | 89.2    | 76.5    |  |
|                                                                                   | 7.0                                                                               | XC       | 2.41                                  | 723                                                                                    | 578    | 482    | 413    | 362    | 289     | 241     | 181     | 161     | 145     | 116     | 96.4    | 82.6    |  |
| TTI11005<br>(50)                                                                  | 1.0                                                                               | UC       | 1.14                                  | 342                                                                                    | 274    | 228    | 195    | 171    | 137     | 114     | 85.5    | 76.0    | 68.4    | 54.7    | 45.6    | 39.1    |  |
|                                                                                   | 2.0                                                                               | UC       | 1.61                                  | 483                                                                                    | 386    | 322    | 276    | 242    | 193     | 161     | 121     | 107     | 96.6    | 77.3    | 64.4    | 55.2    |  |
|                                                                                   | 3.0                                                                               | UC       | 1.97                                  | 591                                                                                    | 473    | 394    | 338    | 296    | 236     | 197     | 148     | 131     | 118     | 94.6    | 78.8    | 67.5    |  |
|                                                                                   | 4.0                                                                               | UC       | 2.27                                  | 681                                                                                    | 545    | 454    | 389    | 341    | 272     | 227     | 170     | 151     | 136     | 109     | 90.8    | 77.8    |  |
|                                                                                   | 5.0                                                                               | XC       | 2.54                                  | 762                                                                                    | 610    | 508    | 435    | 381    | 305     | 254     | 191     | 169     | 152     | 122     | 102     | 87.1    |  |
|                                                                                   | 6.0                                                                               | XC       | 2.79                                  | 837                                                                                    | 670    | 558    | 478    | 419    | 335     | 279     | 209     | 186     | 167     | 134     | 112     | 95.7    |  |
|                                                                                   | 7.0                                                                               | XC       | 3.01                                  | 903                                                                                    | 722    | 602    | 516    | 452    | 361     | 301     | 226     | 201     | 181     | 144     | 120     | 103     |  |
| TTI11006<br>(50)                                                                  | 1.0                                                                               | UC       | 1.37                                  | 411                                                                                    | 329    | 274    | 235    | 206    | 164     | 137     | 103     | 91.3    | 82.2    | 65.8    | 54.8    | 47.0    |  |
|                                                                                   | 2.0                                                                               | UC       | 1.94                                  | 582                                                                                    | 466    | 388    | 333    | 291    | 233     | 194     | 146     | 129     | 116     | 93.1    | 77.6    | 66.5    |  |
|                                                                                   | 3.0                                                                               | UC       | 2.37                                  | 711                                                                                    | 569    | 474    | 406    | 356    | 284     | 237     | 178     | 158     | 142     | 114     | 94.8    | 81.3    |  |
|                                                                                   | 4.0                                                                               | UC       | 2.74                                  | 822                                                                                    | 658    | 548    | 470    | 411    | 329     | 274     | 206     | 183     | 164     | 132     | 110     | 93.9    |  |
|                                                                                   | 5.0                                                                               | XC       | 3.06                                  | 918                                                                                    | 734    | 612    | 525    | 459    | 367     | 306     | 230     | 204     | 184     | 147     | 122     | 105     |  |
|                                                                                   | 6.0                                                                               | XC       | 3.35                                  | 1005                                                                                   | 804    | 670    | 574    | 503    | 402     | 335     | 251     | 223     | 201     | 161     | 134     | 115     |  |
|                                                                                   | 7.0                                                                               | XC       | 3.62                                  | 1086                                                                                   | 869    | 724    | 621    | 543    | 434     | 362     | 272     | 241     | 217     | 174     | 145     | 124     |  |

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

| CONTACT PRODUCT | SYSTEMIC PRODUCT | DRIFT MANAGEMENT |
|-----------------|------------------|------------------|
| —               | EXCELLENT        | EXCELLENT        |



## Optimum Spray Height

|                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |
| 110°                                                                                  | 50 cm                                                                                 |

## How to order:

Specify tip number.

Example:

TTI11004-VP – Polymer with VisiFlo® color-coding

TTI11003-VP-C – Polymer with VisiFlo color-coding, includes Quick TeeJet cap and gasket