### Typical Applications:
See selection guide on page 5 for recommended typical applications for ConeJet tips.

### Features:
- VisiFlo color-coded versions consist of stainless steel or ceramic orifice in a polypropylene body. Maximum operating pressure 300 PSI (20 bar).
- Spray angle is 80° at 100 PSI (7 bar).
- Ideal for banding with two or three nozzles over the row.
- Finely atomized spray pattern provides thorough coverage.
- Standard ConeJet (not color-coded) available in brass and stainless steel in a wide range of capacities with 65° (TY) and 80° (TX) spray angles.

### VisiFlo® Hollow Cone Spray Tips

#### How to order:
Specify tip number.

**Examples:**
- TX-V54 – Stainless Steel with VisiFlo color-coding
- TX-4 – Brass
- TX-SS4 – Stainless Steel
- TX-VK4 – Ceramic with VisiFlo color-coding

#### DROP SIZE

<table>
<thead>
<tr>
<th>bar</th>
<th>5.0</th>
<th>7.0</th>
<th>10.0</th>
<th>15.0</th>
<th>20.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>VF</td>
<td>0.16</td>
<td>0.22</td>
<td>0.26</td>
<td>0.32</td>
<td>0.36</td>
</tr>
<tr>
<td>0.15</td>
<td>0.15</td>
<td>0.20</td>
<td>0.24</td>
<td>0.29</td>
<td>0.33</td>
</tr>
<tr>
<td>0.25</td>
<td>0.25</td>
<td>0.31</td>
<td>0.36</td>
<td>0.40</td>
<td>0.44</td>
</tr>
</tbody>
</table>

#### CAPACITY TWO NOZZLES IN l/min

<table>
<thead>
<tr>
<th>l/ha</th>
<th>l/ha</th>
<th>l/ha</th>
<th>l/ha</th>
<th>l/ha</th>
<th>l/ha</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 km</td>
<td>10 km</td>
<td>25 km</td>
<td>40 km</td>
<td>50 km</td>
<td>75 km</td>
</tr>
<tr>
<td>50 cm</td>
<td>100 cm</td>
<td>150 cm</td>
<td>200 cm</td>
<td>250 cm</td>
<td>300 cm</td>
</tr>
</tbody>
</table>

#### CAPACITY THREE NOZZLES IN l/min

<table>
<thead>
<tr>
<th>l/ha</th>
<th>l/ha</th>
<th>l/ha</th>
<th>l/ha</th>
<th>l/ha</th>
<th>l/ha</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 km</td>
<td>10 km</td>
<td>25 km</td>
<td>40 km</td>
<td>50 km</td>
<td>75 km</td>
</tr>
<tr>
<td>50 cm</td>
<td>100 cm</td>
<td>150 cm</td>
<td>200 cm</td>
<td>250 cm</td>
<td>300 cm</td>
</tr>
</tbody>
</table>

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

*Specify material.

---

**BANDING NOZZLES**

2 Nozzles Per Row

3 Nozzles Per Row

---

- **2 Nozzles Per Row**
  - Row Spacing
  - Spray Band

- **3 Nozzles Per Row**
  - Row Spacing
  - Spray Band

---

**Notation:**
- 50 cm: 20 km: 25 l/min
- 75 cm: 40 km: 35 l/min

---

**Rows Per Row:**
- 3 Nozzles Per Row

---

**Row:**
- 20 cm: 2.5
- 25 cm: 2.0
- 30 cm: 1.6
- 40 cm: 1.2

---

**Conversion Factors:**
- 20 cm: 2.5
- 25 cm: 2.0
- 30 cm: 1.6
- 40 cm: 1.2

---

**Examples:**
- TX-V54 – Stainless Steel with VisiFlo color-coding
- TX-4 – Brass
- TX-SS4 – Stainless Steel
- TX-VK4 – Ceramic with VisiFlo color-coding

---

**VisiFlo® Hollow Cone Spray Tips**

- TX-1
- TX-1 (100)
- TX-2
- TX-2 (100)
- TX-3
- TX-4
- TX-4 (50)
- TX-6
- TX-6 (50)
- TX-8
- TX-8 (50)
- TX-10
- TX-10 (50)
- TX-12
- TX-12 (50)
- TX-14
- TX-14 (50)
- TX-18
- TX-18 (50)
- TX-26
- TX-26 (50)

---

**Spray Banding:**

- 20 cm: 2.5
- 25 cm: 2.0
- 30 cm: 1.6
- 40 cm: 1.2

---

**Bandwidth Nozzles:**

- 3 Nozzles Per Row

---

**VisiFlo color-coding**

- TX-VK4 – Ceramic with VisiFlo color-coding

---

**Material:**

- Specify material.
Typical Applications:
See selection guide on page 5 for recommended typical applications for AI TeeJet tips.

Features:
- Available with stainless steel insert, polymer holder and pre-orifice with VisiFlo® color-coding.
- Larger droplets for less drift.
- Depending on the chemical, produces large air-filled drops through the use of a Venturi air aspirator.
- Ideal for banding over the row or in row middles.
- Automatic spray alignment with 25598-*NYR Quick TeeJet® cap and gasket, Reference page 64 for more information.

Note:
For AI TeeJet tips.
Recommended typical applications

Features:
- See selection guide on page 5 for
- AI9502EVS – Stainless Steel with VisiFlo color-coding

Note: Due to the pre-orifice design, this tip is not compatible with the 4939A check valve tip strainer.
**Typical Applications:**
Can be used for pre-emerge surface-applied herbicides or post-emerge systemic herbicide applications.

**Features:**
- Pre-orifice design produces large droplets to reduce drift.
- Ideal for banding over the row or in row middles.
- Provides uniform distribution throughout the flat spray pattern.
- Easily mounted on spray boom or planter.
- Stainless steel with VisiFlo® color-coding.

### DG95015EVS

<table>
<thead>
<tr>
<th>Drop Size</th>
<th>50cm</th>
<th>75cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 M</td>
<td>0.48</td>
<td>144</td>
</tr>
<tr>
<td>2.5 M</td>
<td>0.54</td>
<td>162</td>
</tr>
<tr>
<td>3.0 F</td>
<td>0.59</td>
<td>177</td>
</tr>
<tr>
<td>4.0 F</td>
<td>0.68</td>
<td>204</td>
</tr>
</tbody>
</table>

### DG9502EVS

<table>
<thead>
<tr>
<th>Drop Size</th>
<th>50cm</th>
<th>75cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 M</td>
<td>0.65</td>
<td>195</td>
</tr>
<tr>
<td>2.5 M</td>
<td>0.72</td>
<td>216</td>
</tr>
<tr>
<td>3.0 M</td>
<td>0.79</td>
<td>237</td>
</tr>
<tr>
<td>4.0 M</td>
<td>0.91</td>
<td>273</td>
</tr>
</tbody>
</table>

### DG9503EVS

<table>
<thead>
<tr>
<th>Drop Size</th>
<th>50cm</th>
<th>75cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 M</td>
<td>0.96</td>
<td>288</td>
</tr>
<tr>
<td>2.5 M</td>
<td>1.08</td>
<td>324</td>
</tr>
<tr>
<td>3.0 M</td>
<td>1.18</td>
<td>354</td>
</tr>
<tr>
<td>4.0 M</td>
<td>1.36</td>
<td>408</td>
</tr>
</tbody>
</table>

### DG9504EVS

<table>
<thead>
<tr>
<th>Drop Size</th>
<th>50cm</th>
<th>75cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 C</td>
<td>1.29</td>
<td>387</td>
</tr>
<tr>
<td>2.5 C</td>
<td>1.44</td>
<td>432</td>
</tr>
<tr>
<td>3.0 M</td>
<td>1.58</td>
<td>474</td>
</tr>
<tr>
<td>4.0 M</td>
<td>1.82</td>
<td>546</td>
</tr>
</tbody>
</table>

### DG9505EVS

<table>
<thead>
<tr>
<th>Drop Size</th>
<th>50cm</th>
<th>75cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 C</td>
<td>1.61</td>
<td>483</td>
</tr>
<tr>
<td>2.5 C</td>
<td>1.80</td>
<td>540</td>
</tr>
<tr>
<td>3.0 C</td>
<td>1.97</td>
<td>591</td>
</tr>
<tr>
<td>4.0 M</td>
<td>2.27</td>
<td>681</td>
</tr>
</tbody>
</table>

### Drop Size Classification

- **95° Drift Guard**: Cross Section View
- **Tip Insert Holder**: (Celcon®)
- **Tip Insert**: (Stainless Steel)
- **O-Ring**: (Viton®)
- **Removable Pre-Orifice**: (Celcon®)

### CONVERSION FACTORS

<table>
<thead>
<tr>
<th>Row Spacing</th>
<th>Conversion Factors</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 cm</td>
<td>10 cm</td>
</tr>
<tr>
<td>24 cm</td>
<td>12 cm</td>
</tr>
<tr>
<td>30 cm</td>
<td>15 cm</td>
</tr>
<tr>
<td>40 cm</td>
<td>20 cm</td>
</tr>
</tbody>
</table>

**How to order:**
Specify tip number.
Example:
DG95015EVS – Stainless Steel with VisiFlo® color-coding

**Note:** Due to the pre-orifice design, this tip is not compatible with the 4193A check valve.
### Typical Applications:
See selection guide on page 3 for recommended typical applications for TeeJet tips.

### Features:
- Ideal for banding over the row or in row middles.
- Provides uniform distribution throughout the flat spray pattern.
- Easily mounted on spray boom or planter.
- Available with VisiFlo® color-coding in stainless steel or all stainless steel, hardened stainless steel and brass.

### Features:
- **Ideal for banding over the row or in row middles.**
- **Provides uniform distribution throughout the flat spray pattern.**
- **Easily mounted on spray boom or planter.**
- **Available with VisiFlo® color-coding in stainless steel or all stainless steel, hardened stainless steel and brass.**

#### Typical Applications:
See selection guide on page 3 for recommended typical applications for TeeJet tips.

#### Features:
- **Ideal for banding over the row or in row middles.**
- **Provides uniform distribution throughout the flat spray pattern.**
- **Easily mounted on spray boom or planter.**
- **Available with VisiFlo® color-coding in stainless steel or all stainless steel, hardened stainless steel and brass.**

### Typical Applications:
See selection guide on page 3 for recommended typical applications for TeeJet tips.

### Features:
- **Ideal for banding over the row or in row middles.**
- **Provides uniform distribution throughout the flat spray pattern.**
- **Easily mounted on spray boom or planter.**
- **Available with VisiFlo® color-coding in stainless steel or all stainless steel, hardened stainless steel and brass.**

### Table: Typical Applications

<table>
<thead>
<tr>
<th>NOZZLE</th>
<th>40°</th>
<th>65°</th>
<th>80°</th>
<th>95°</th>
<th>110°</th>
<th>50 cm</th>
<th>75 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP4001E</td>
<td>0.32</td>
<td>0.41</td>
<td>0.50</td>
<td>0.58</td>
<td>0.66</td>
<td>35.1</td>
<td>35.1</td>
</tr>
<tr>
<td>TP6501E</td>
<td>0.36</td>
<td>0.46</td>
<td>0.55</td>
<td>0.64</td>
<td>0.73</td>
<td>51.1</td>
<td>54.8</td>
</tr>
<tr>
<td>TP8001E</td>
<td>0.39</td>
<td>0.50</td>
<td>0.59</td>
<td>0.68</td>
<td>0.78</td>
<td>67.1</td>
<td>70.8</td>
</tr>
<tr>
<td>TP8002E</td>
<td>0.42</td>
<td>0.53</td>
<td>0.62</td>
<td>0.72</td>
<td>0.81</td>
<td>83.1</td>
<td>86.8</td>
</tr>
<tr>
<td>TP8003E</td>
<td>0.45</td>
<td>0.56</td>
<td>0.65</td>
<td>0.74</td>
<td>0.84</td>
<td>99.1</td>
<td>102.8</td>
</tr>
<tr>
<td>TP8004E</td>
<td>0.48</td>
<td>0.59</td>
<td>0.69</td>
<td>0.78</td>
<td>0.88</td>
<td>115.1</td>
<td>118.8</td>
</tr>
</tbody>
</table>

#### How to order:
**Specify tip number.**

**Examples:**
- TP8002EVSS Stainless Steel with VisiFlo color-coding
- TP8002E-HSS Hardened Stainless Steel
- TP8002E-SS Stainless Steel
- TP8002E Brass

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information. Available in brass and/or stainless steel and/or hardened stainless steel.
**TwinJet Even Flat Spray Tips**

**40° and 80° E Series**

TwinJet even tips combine the advantages of twin flat spray patterns with even distribution across the pattern. The twin flat sprays provide improved coverage of crop or weed without sacrificing uniformity. The smaller droplet size makes this tip ideal for providing a thorough, penetrating coverage with post-emergence contact herbicides.

These tips also provide good pre-emergence coverage on cloddy fields and fields covered with crop residue.

See selection guide on page 3 for recommended typical applications for TwinJet tips.

### Features:
- Ideal for banding over or between crop rows.
- Provides uniform distribution throughout the spray pattern.
- Available in 80° and 40° twin flat spray patterns.
- Made of stainless steel with VisiFlo® coding.
- Can be used with 25598 Quick TeeJet® cap. See page 64 for more information.

### How to order:
Specify tip number.

Example:

- **TJ60-4002EVS** – Stainless Steel with VisiFlo® color-coding

### Specifications:

<table>
<thead>
<tr>
<th>Drop Size</th>
<th>Capacity</th>
<th>4 km/h</th>
<th>6 km/h</th>
<th>8 km/h</th>
<th>10 km/h</th>
<th>12 km/h</th>
<th>15 km/h</th>
<th>20 km/h</th>
<th>30 km/h</th>
<th>40 km/h</th>
<th>50 km/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 cm</td>
<td>40°</td>
<td>0.65 F</td>
<td>195</td>
<td>130</td>
<td>97.5</td>
<td>78.0</td>
<td>52.0</td>
<td>39.0</td>
<td>130</td>
<td>86.7</td>
<td>65.0</td>
</tr>
<tr>
<td>250 cm</td>
<td>40°</td>
<td>0.72 F</td>
<td>216</td>
<td>144</td>
<td>108</td>
<td>86.4</td>
<td>57.6</td>
<td>43.2</td>
<td>144</td>
<td>96.0</td>
<td>72.0</td>
</tr>
<tr>
<td>300 cm</td>
<td>40°</td>
<td>0.79 F</td>
<td>237</td>
<td>158</td>
<td>119</td>
<td>94.8</td>
<td>63.2</td>
<td>47.4</td>
<td>158</td>
<td>105</td>
<td>79.0</td>
</tr>
<tr>
<td>350 cm</td>
<td>40°</td>
<td>0.91 F</td>
<td>273</td>
<td>182</td>
<td>137</td>
<td>109</td>
<td>72.8</td>
<td>54.6</td>
<td>182</td>
<td>121</td>
<td>91.0</td>
</tr>
<tr>
<td>400 cm</td>
<td>40°</td>
<td>0.96 F</td>
<td>288</td>
<td>192</td>
<td>144</td>
<td>115</td>
<td>76.8</td>
<td>57.6</td>
<td>192</td>
<td>128</td>
<td>96.0</td>
</tr>
<tr>
<td>450 cm</td>
<td>40°</td>
<td>1.08 F</td>
<td>324</td>
<td>216</td>
<td>162</td>
<td>130</td>
<td>86.4</td>
<td>64.8</td>
<td>216</td>
<td>144</td>
<td>108</td>
</tr>
<tr>
<td>500 cm</td>
<td>40°</td>
<td>1.18 F</td>
<td>354</td>
<td>236</td>
<td>177</td>
<td>142</td>
<td>94.4</td>
<td>70.8</td>
<td>236</td>
<td>157</td>
<td>118</td>
</tr>
<tr>
<td>550 cm</td>
<td>40°</td>
<td>1.36 F</td>
<td>408</td>
<td>272</td>
<td>204</td>
<td>163</td>
<td>109</td>
<td>61.6</td>
<td>272</td>
<td>181</td>
<td>136</td>
</tr>
</tbody>
</table>

*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.*
**Air Induction Underleaf Banding Spray Tip**

- Larger droplets for less drift.
- Off-center spray pattern with flat spray characteristics.
- Underleaf banding of pesticides or liquid fertilizers.
- Used at the end of the spray boom around the perimeter of the field to protect sensitive areas.
- Spraying pressure of 30–115 PSI (2–8 bar).
- Can be used with 25998*-NYR Quick TeeJet® cap. See page 64 for more information.

### Typical Applications:

- Used at the end of the spray boom around the perimeter of the field to protect sensitive areas.
- Underleaf banding of pesticides or liquid fertilizers.

### How to order:
Specify tip number. Example:

- **AIUB85025-VS** – Stainless Steel with VisiFlo® color-coding

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

---

**BANDING NOZZLES**

<table>
<thead>
<tr>
<th>Tip Number</th>
<th>Drop Size</th>
<th>Diameter (mm)</th>
<th>Angle (°)</th>
<th>Capacity (l/min)</th>
<th>Application Rate (l/ha)</th>
<th>Pressure (bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.0</strong></td>
<td>UC</td>
<td>0.65</td>
<td>4 km/h</td>
<td>120</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td><strong>3.0</strong></td>
<td>UC</td>
<td>0.79</td>
<td>6 km/h</td>
<td>119</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td><strong>4.0</strong></td>
<td>UC</td>
<td>0.91</td>
<td>8 km/h</td>
<td>117</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td><strong>5.0</strong></td>
<td>VC</td>
<td>1.02</td>
<td>10 km/h</td>
<td>112</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td><strong>6.0</strong></td>
<td>VC</td>
<td>1.12</td>
<td>12 km/h</td>
<td>113</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td><strong>7.0</strong></td>
<td>C</td>
<td>1.21</td>
<td>14 km/h</td>
<td>115</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td><strong>8.0</strong></td>
<td>C</td>
<td>1.29</td>
<td>15 km/h</td>
<td>116</td>
<td>50</td>
<td>20</td>
</tr>
</tbody>
</table>

**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.
Typical Applications:
- Off-center tip with tapered flat spray characteristics.
- Brass spray angle.
- Available in brass or stainless steel.
- Sucker control.
- Used frequently with full cone pattern.
- Provides coarse spray with full cone pattern.
- Directed application under crop canopy.
- Nozzle spacing 10 cm—two tips per row.
- Adjust tip height and nozzle orientation to achieve desired band width.

How to order:
Specify tip number and material.
Examples:
D25143-UB-8501 – Brass
D25143-UB-8501-SS – Stainless Steel

Note: Always double check your application rates.
Tabulations are based on spraying water at 70°F (21°C).
**Ceramic VisiFlo® Spray Tips**

**Typical Applications:**
See selection guide on page 5 for recommended typical applications for ConeJet tips.

**Features:**
- Accepts more abrasive materials.
- Popular nozzle sizes fit most sprayers.
- Operating pressures to 300 PSI (20 bar).
- Incorporates ISO color-coding scheme.
- Ideal for banding with two or three nozzles over the row.
- Finely atomized spray pattern provides thorough coverage.

**How to order:**
Specify tip number.

Example:
TXA8004VK – Ceramic with VisiFlo color-coding

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

---

**Band Widths and Capacities:**

<table>
<thead>
<tr>
<th>Band Width (cm)</th>
<th>Capacities (l/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>30</td>
<td>67</td>
</tr>
<tr>
<td>35</td>
<td>83</td>
</tr>
<tr>
<td>40</td>
<td>100</td>
</tr>
</tbody>
</table>

**Conversion Factors:**

<table>
<thead>
<tr>
<th>Band Width (cm)</th>
<th>Factors</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>2.50</td>
</tr>
<tr>
<td>25</td>
<td>3.75</td>
</tr>
<tr>
<td>30</td>
<td>5.00</td>
</tr>
<tr>
<td>40</td>
<td>1.25</td>
</tr>
</tbody>
</table>

---

**Row Spacing and Application Rates:**

<table>
<thead>
<tr>
<th>Row Spacing (cm)</th>
<th>Application Rates (l/ha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>75.0</td>
</tr>
<tr>
<td>75</td>
<td>90.0</td>
</tr>
<tr>
<td>90</td>
<td>100.0</td>
</tr>
<tr>
<td>105</td>
<td>120.0</td>
</tr>
<tr>
<td>120</td>
<td>150.0</td>
</tr>
</tbody>
</table>

**Example:**

TXB80020VK – 9/32" wide band

**How to order:**
Specify tip number.

---

**Band Nozzles:**

- Nozzle types: TXA, TXB
- Recommended applications: ConeJet tips
- Polypropylene body and ceramic orifice insert for long wear life
- Resists corrosion

---

**How to order:**
Specify tip number.

Example:
TXA8004VK – Ceramic with VisiFlo color-coding

---

**Features:**
- Banding nozzles
- Accepts more abrasive materials
- Popular nozzle sizes fit most sprayers
- Operating pressures to 300 PSI (20 bar)
- Incorporates ISO color-coding scheme
- Ideal for banding with two or three nozzles over the row
- Finely atomized spray pattern provides thorough coverage

---

**Banding Nozzles**

---

**Features:**
- Nozzle types: TXA, TXB
- Recommended applications: ConeJet tips
- Polypropylene body and ceramic orifice insert for long wear life
- Resists corrosion

---

**How to order:**
Specify tip number.

Example:
TXA8004VK – Ceramic with VisiFlo color-coding

---

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