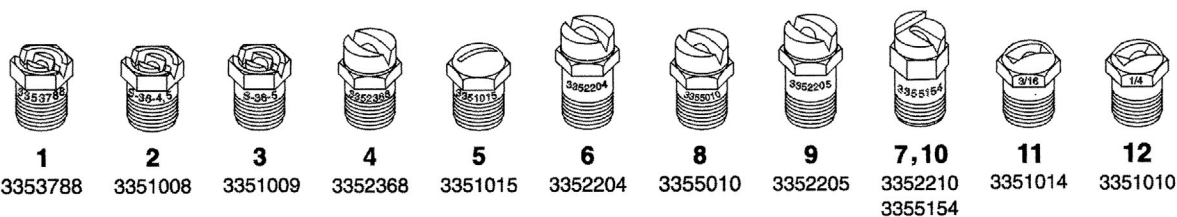


Nozzle Application Charts



| Ref. | Part No. | Description | Application Gallons Per Square Yard | Application (Metric) Liters Per Square Meter | US Flow Gallons Per Minute Per Foot |
|------|----------|---|---|---|--|
| 1 | 3353788 | V Slot Tack Nozzle 1/8" Rifle Bored | .05 – .20 | .23 – 0.91 | 3.0 – 4.5 |
| | 3351013* | V Slot Tack Nozzle 1/16" Coin Slot | .05 – .20 | .23 – 0.91 | 3.0 – 4.5 |
| | 3354904 | V Slot Tack Nozzle 1/8" Counterbored | .05 – .20 | .23 – 0.91 | 3.0 – 4.5 |
| 2 | 3351008 | S36-4 V Slot | .10 – .35 | .45 – 1.58 | 4.0 to 7.5 |
| 3 | 3351009 | S36-5 V Slot | .18 – .45 | .81 – 2.04 | 7.0 to 10.0 |
| 4 | 3352368 | Multi-Material V Slot | .15 – .40 | .68 – 1.81 | 6.0 to 9.0 |
| 5 | 3351015 | 3/32" Coin Slot | .15 – .40 | .68 – 1.81 | 6.0 to 9.0 |
| 6 | 3352204 | Multi-Material V Slot | .35 – .95 | 1.58 – 4.30 | 12.0 to 21.0 |
| 7 | 3355154 | End Nozzle (use with 3352204 nozzle) | .35 – .95 | 1.58 – 4.30 | 12.0 to 21.0 |
| 8 | 3355010 | Multi-Material V Slot | .29 – .72 | 1.31 – 3.26 | 10.0 – 16.5 |
| 9 | 3352205 | Multi-Material V Slot | .20 – .55 | .91 – 2.49 | 7.5 to 12.0 |
| 10 | 3352210 | End Nozzle (use with 3352205 nozzle) | .20 – .55 | .91 – 2.49 | 7.5 to 12.0 |
| 11 | 3351014 | 3/16" Coin Slot | .35 – .95 | 1.58 – 4.30 | 12.0 to 21.0 |
| 12 | 3351010 | 1/4" Coin Slot | .40 – 1.10 | 1.81 – 4.98 | 15.0 to 24.0 |

* Special Order



E. D. ETNYRE & CO.

Oregon, Illinois 61061

Phone: 815/732-2116

www.etnyre.com

RPM, Nozzles and Adjustments

Engine RPM

In addition to knowing the correct GPM per foot of spraybar and the total GPM for each nozzle size, another key factor that needs to be considered is engine RPM.

Engine RPM is a critical factor for application and pump systems to operate correctly. *Maximum RPM* is 1200–1500 RPM. *Minimum RPM* is 800–1000 RPM. The exception to this rule would be when ready to spray, the truck will be at idle.

Recommended normal operating ranges for light tack application rates .010 to .20, is 800 to 1000 RPM. Heavier prime to chipseal rates .250 to .550, is 1200 to 1500 RPM.,

If RPM is too high, go to a higher gear. If RPM is too low, go to a lower gear.

GPM output is dictated by truck speed.

Automatic transmission may have to be locked out in lower ranges to allow truck to go faster without needing to shift. Two-speed rear differentials (if equipped) may have to be put in high range to lower engine RPM.

Never exceed 1800 RPM, the pump system could surge or pulsate.

Spray Bar Nozzle Flow Range

Spray bar nozzles have a limited flow range at which optimal performance will be achieved. Flow rates greater than this optimal range will cause excessive fogging. Rates that are too low will cause the fan to sag and cause heavy edges. Refer to the nozzle selection chart to select the nozzles appropriate for your conditions.

IMPORTANT

Exceeding maximum nozzle application rate will result in improper application of product.

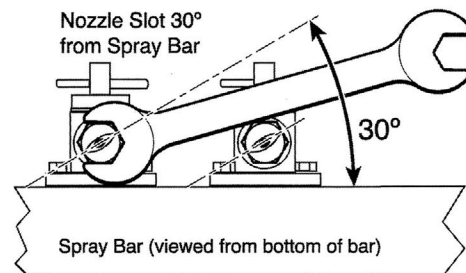
In addition to the information in this document, there are three other resources available to assist you.

1. Slide rule pump computator (#3390408).
2. An electronic interactive link or the pump computator can be found on our website etnyre.com.
3. A smart phone app (Etnyre pump computator) is available at the appropriate app store for your smart phone service provider.

The tools listed above can be used to help understand and figure out the appropriate speed required (feet per minute), and the needed asphalt pump rate output (gallons per minute) to create the correct amount of material output, and achieve the application rates desired.

Adjusting the Spray Bar Nozzle Angle

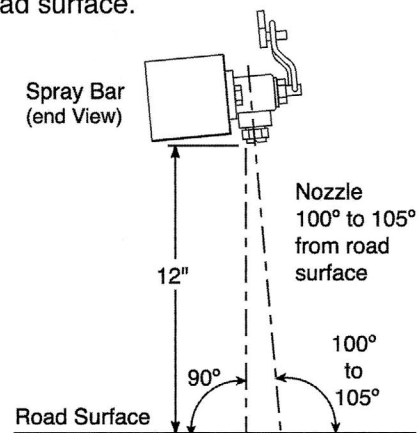
Adjust the nozzles to obtain an angle of approximately 30 degrees with the spraybar center line. Every nozzle should be at the same angle. A nozzle adjustment wrench is supplied with each new unit.



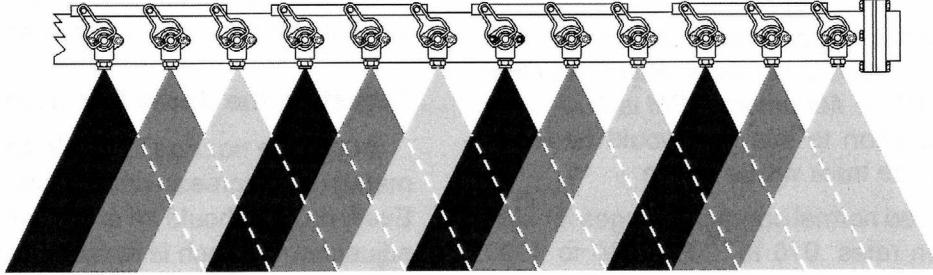
Adjusting the Spray Bar Height

With both wings folded and the tank empty, lower the spraybar and adjust the down stops so that the nozzles on the main bar are approximately 12 inches above the road. At this height, the spray fans from the nozzles will overlap to provide triple lap coverage of material on the ground. This is the normal spraying height. Lower the wings and adjust them with the cylinder nuts to follow the crown of the road.

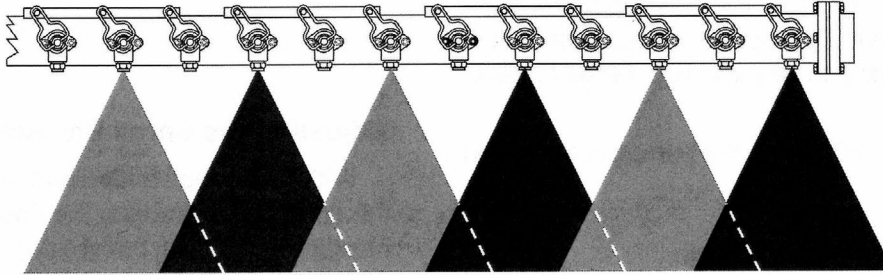
The spraybar should be at an angle of 100 to 105 degrees with the surface of the road when viewed across the road. This slight rearward trajectory compensates for the forward movement of the distributor to evenly coat the front and back sides of projections on the road surface.



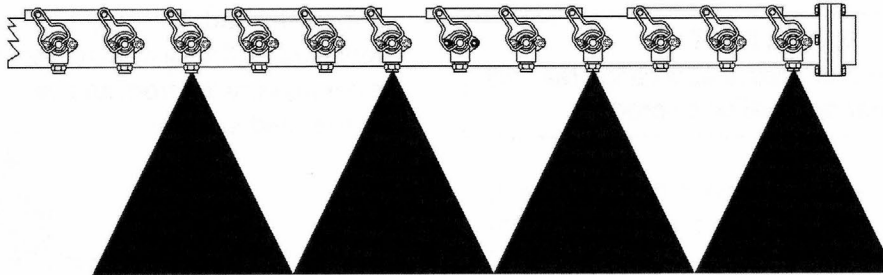
Adjust the GPM for number of nozzles used



All nozzles: use the GPM shown on charts.



Every other nozzle: GPM should be one half ($1/2$) the GPM shown on charts.



One nozzle per foot: GPM should be one third ($1/3$) the GPM shown on charts.

3351013 Etnyre 1/16" Coin Slot Nozzle (Special Order) App Rate .05 - .20

3353788 Etnyre V Slot Tack Nozzle 1/8" Rifle Bored App Rate .05 - .20

3354904 Etnyre V Slot Tack Nozzle 1/8" Counterbored App Rate .05 - .20

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 3 | 4.5 | 13 | 39 | 58 |
| 2 | 6 | 9 | 14 | 42 | 63 |
| 3 | 9 | 13 | 15 | 45 | 67 |
| 4 | 12 | 18 | 16 | 48 | 72 |
| 5 | 15 | 22 | 17 | 51 | 76 |
| 6 | 18 | 27 | 18 | 54 | 81 |
| 7 | 21 | 31 | 19 | 57 | 85 |
| 8 | 24 | 36 | 20 | 60 | 90 |
| 9 | 27 | 40 | 21 | 63 | 94 |
| 10 | 30 | 45 | 22 | 66 | 99 |
| 11 | 33 | 49 | 23 | 69 | 103 |
| 12 | 36 | 54 | 24 | 72 | 108 |

METRIC

3351013 Etnyre 1/16" Coin Slot Nozzle (Special Order) App Rate .23 - .90

3353788 Etnyre V Slot Tack Nozzle 1/8" Rifle Bored App Rate .23 - .90

3354904 Etnyre V Slot Tack Nozzle 1/8" Counterbored App Rate .23 - .90

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | Lt/min meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | Lt/min meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|--------------------|-------------------|-------------------|-----------|--------------------|-------------------|-------------------|
| 1 | 0.304 | 11 | 17 | 13 | 3.963 | 148 | 220 |
| 2 | 0.609 | 23 | 34 | 14 | 4.268 | 159 | 238 |
| 3 | 0.914 | 34 | 49 | 15 | 4.573 | 170 | 254 |
| 4 | 1.219 | 45 | 68 | 16 | 4.878 | 182 | 273 |
| 5 | 1.524 | 57 | 83 | 17 | 5.182 | 193 | 288 |
| 6 | 1.829 | 68 | 102 | 18 | 5.487 | 204 | 307 |
| 7 | 2.134 | 79 | 117 | 19 | 5.792 | 216 | 322 |
| 8 | 2.439 | 91 | 136 | 20 | 6.097 | 227 | 341 |
| 9 | 2.743 | 102 | 151 | 21 | 6.402 | 238 | 356 |
| 10 | 3.048 | 114 | 170 | 22 | 6.707 | 250 | 375 |
| 11 | 3.353 | 125 | 185 | 23 | 7.012 | 261 | 390 |
| 12 | 3.658 | 136 | 204 | 24 | 7.317 | 273 | 409 |

3351008 Etnyre S36-4 V Slot Nozzle**App Rate .10 - .35**

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 4 | 7.5 | 13 | 52 | 97 |
| 2 | 8 | 15 | 14 | 56 | 105 |
| 3 | 12 | 22 | 15 | 60 | 112 |
| 4 | 16 | 30 | 16 | 64 | 120 |
| 5 | 20 | 37 | 17 | 68 | 127 |
| 6 | 24 | 45 | 18 | 72 | 135 |
| 7 | 28 | 52 | 19 | 76 | 142 |
| 8 | 32 | 60 | 20 | 80 | 150 |
| 9 | 36 | 67 | 21 | 84 | 157 |
| 10 | 40 | 75 | 22 | 88 | 165 |
| 11 | 44 | 82 | 23 | 92 | 172 |
| 12 | 48 | 90 | 24 | 96 | 180 |

METRIC**3351008 Etnyre S36-4 V Slot Nozzle****App Rate .45-1.60**

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 15 | 28 | 13 | 3.963 | 197 | 367 |
| 2 | 0.609 | 30 | 57 | 14 | 4.268 | 212 | 397 |
| 3 | 0.914 | 45 | 83 | 15 | 4.573 | 227 | 424 |
| 4 | 1.219 | 61 | 114 | 16 | 4.878 | 242 | 454 |
| 5 | 1.524 | 76 | 140 | 17 | 5.182 | 257 | 481 |
| 6 | 1.829 | 91 | 170 | 18 | 5.487 | 273 | 511 |
| 7 | 2.134 | 106 | 197 | 19 | 5.792 | 288 | 537 |
| 8 | 2.439 | 121 | 227 | 20 | 6.097 | 303 | 568 |
| 9 | 2.743 | 136 | 254 | 21 | 6.402 | 318 | 594 |
| 10 | 3.048 | 151 | 284 | 22 | 6.707 | 333 | 625 |
| 11 | 3.353 | 167 | 310 | 23 | 7.012 | 348 | 651 |
| 12 | 3.658 | 181 | 341 | 24 | 7.317 | 363 | 681 |

3351009 Etnyre S36-5 V Slot Nozzle**App Rate .18 - .45**

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 7 | 10 | 13 | 91 | 130 |
| 2 | 14 | 20 | 14 | 98 | 140 |
| 3 | 21 | 30 | 15 | 105 | 150 |
| 4 | 28 | 40 | 16 | 112 | 160 |
| 5 | 35 | 50 | 17 | 119 | 170 |
| 6 | 42 | 60 | 18 | 126 | 180 |
| 7 | 49 | 70 | 19 | 133 | 190 |
| 8 | 56 | 80 | 20 | 140 | 200 |
| 9 | 63 | 90 | 21 | 147 | 210 |
| 10 | 70 | 100 | 22 | 154 | 220 |
| 11 | 77 | 110 | 23 | 161 | 230 |
| 12 | 84 | 120 | 24 | 168 | 240 |

METRIC**3351009 Etnyre 536-5 V Slot Nozzle****App Rate .82 - 2.00**

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 26 | 38 | 13 | 3.963 | 344 | 492 |
| 2 | 0.609 | 53 | 76 | 14 | 4.268 | 371 | 530 |
| 3 | 0.914 | 79 | 114 | 15 | 4.573 | 397 | 568 |
| 4 | 1.219 | 106 | 151 | 16 | 4.878 | 424 | 606 |
| 5 | 1.524 | 132 | 189 | 17 | 5.182 | 450 | 644 |
| 6 | 1.829 | 159 | 227 | 18 | 5.487 | 477 | 681 |
| 7 | 2.134 | 185 | 265 | 19 | 5.792 | 503 | 719 |
| 8 | 2.439 | 212 | 303 | 20 | 6.097 | 530 | 757 |
| 9 | 2.743 | 238 | 341 | 21 | 6.402 | 556 | 795 |
| 10 | 3.048 | 265 | 379 | 22 | 6.707 | 583 | 833 |
| 11 | 3.353 | 291 | 416 | 23 | 7.012 | 609 | 871 |
| 12 | 3.658 | 318 | 454 | 24 | 7.317 | 636 | 908 |

3352368 Etnyre Multi-Material V Slot Nozzle**App Rate 15 - .40**

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 6 | 9 | 13 | 78 | 117 |
| 2 | 12 | 18 | 14 | 84 | 126 |
| 3 | 18 | 27 | 15 | 90 | 135 |
| 4 | 24 | 36 | 16 | 96 | 144 |
| 5 | 30 | 45 | 17 | 102 | 153 |
| 6 | 36 | 54 | 18 | 108 | 162 |
| 7 | 42 | 63 | 19 | 114 | 171 |
| 8 | 48 | 72 | 20 | 120 | 180 |
| 9 | 54 | 81 | 21 | 126 | 189 |
| 10 | 60 | 90 | 22 | 132 | 198 |
| 11 | 66 | 99 | 23 | 138 | 207 |
| 12 | 72 | 108 | 24 | 144 | 216 |

METRIC**3352368 Etnyre Multi-Material V Slot Nozzle****App Rate .68 - 1.80**

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 23 | 34 | 13 | 3.963 | 295 | 443 |
| 2 | 0.609 | 45 | 68 | 14 | 4.268 | 318 | 477 |
| 3 | 0.914 | 68 | 102 | 15 | 4.573 | 341 | 511 |
| 4 | 1.219 | 91 | 136 | 16 | 4.878 | 363 | 545 |
| 5 | 1.524 | 114 | 170 | 17 | 5.182 | 386 | 579 |
| 6 | 1.829 | 136 | 204 | 18 | 5.487 | 409 | 613 |
| 7 | 2.134 | 159 | 238 | 19 | 5.792 | 432 | 647 |
| 8 | 2.439 | 182 | 273 | 20 | 6.097 | 454 | 681 |
| 9 | 2.743 | 204 | 307 | 21 | 6.402 | 477 | 715 |
| 10 | 3.048 | 227 | 341 | 22 | 6.707 | 500 | 750 |
| 11 | 3.353 | 250 | 375 | 23 | 7.012 | 522 | 784 |
| 12 | 3.658 | 273 | 409 | 24 | 7.317 | 545 | 818 |

3351015 Etnyre 3/32 Coin Slot Nozzle**App Rate .15 - .40**

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 6 | 9 | 13 | 78 | 117 |
| 2 | 12 | 18 | 14 | 84 | 126 |
| 3 | 18 | 27 | 15 | 90 | 135 |
| 4 | 24 | 36 | 16 | 96 | 144 |
| 5 | 30 | 45 | 17 | 102 | 153 |
| 6 | 36 | 54 | 18 | 108 | 162 |
| 7 | 42 | 63 | 19 | 114 | 171 |
| 8 | 48 | 72 | 20 | 120 | 180 |
| 9 | 54 | 81 | 21 | 126 | 189 |
| 10 | 60 | 90 | 22 | 132 | 198 |
| 11 | 66 | 99 | 23 | 138 | 207 |
| 12 | 72 | 108 | 24 | 144 | 216 |

METRIC**3351015 Etnyre 3/32 Coin Slot Nozzle****App Rate .68 - 1.80**

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 23 | 34 | 13 | 3.963 | 295 | 443 |
| 2 | 0.609 | 45 | 68 | 14 | 4.268 | 318 | 477 |
| 3 | 0.914 | 68 | 102 | 15 | 4.573 | 341 | 511 |
| 4 | 1.219 | 91 | 136 | 16 | 4.878 | 363 | 545 |
| 5 | 1.524 | 114 | 170 | 17 | 5.182 | 386 | 579 |
| 6 | 1.829 | 136 | 204 | 18 | 5.487 | 409 | 613 |
| 7 | 2.134 | 159 | 238 | 19 | 5.792 | 432 | 647 |
| 8 | 2.439 | 182 | 273 | 20 | 6.097 | 454 | 681 |
| 9 | 2.743 | 204 | 307 | 21 | 6.402 | 477 | 715 |
| 10 | 3.048 | 227 | 341 | 22 | 6.707 | 500 | 750 |
| 11 | 3.353 | 250 | 375 | 23 | 7.012 | 522 | 784 |
| 12 | 3.658 | 273 | 409 | 24 | 7.317 | 545 | 818 |

**3352204 Etnyre Multi-Material VSlot
(Emulsion Products)**

App Rate .35 - .95

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 12 | 21 | 13 | 156 | 273 |
| 2 | 24 | 42 | 14 | 170 | 294 |
| 3 | 36 | 63 | 15 | 180 | 315 |
| 4 | 48 | 84 | 16 | 192 | 336 |
| 5 | 60 | 105 | 17 | 204 | 357 |
| 6 | 72 | 126 | 18 | 216 | 378 |
| 7 | 84 | 147 | 19 | 228 | 399 |
| 8 | 96 | 168 | 20 | 240 | 399 |
| 9 | 108 | 189 | 21 | 252 | 399 |
| 10 | 120 | 210 | 22 | 264 | 399 |
| 11 | 132 | 231 | 23 | 276 | 399 |
| 12 | 144 | 252 | 24 | 288 | 399 |

METRIC

**3352204 Etnyre Multi-Material V Slot
(Emulsion Products)**

App Rate 1.60 - 4.30

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 45 | 79 | 13 | 3.963 | 591 | 1033 |
| 2 | 0.609 | 91 | 159 | 14 | 4.268 | 636 | 1113 |
| 3 | 0.914 | 136 | 238 | 15 | 4.573 | 681 | 1192 |
| 4 | 1.219 | 182 | 318 | 16 | 4.878 | 727 | 1272 |
| 5 | 1.524 | 227 | 397 | 17 | 5.182 | 772 | 1351 |
| 6 | 1.829 | 273 | 477 | 18 | 5.487 | 818 | 1431 |
| 7 | 2.134 | 318 | 556 | 19 | 5.792 | 863 | 1510 |
| 8 | 2.439 | 363 | 636 | 20 | 6.097 | 908 | 1510 |
| 9 | 2.743 | 409 | 715 | 21 | 6.402 | 954 | 1510 |
| 10 | 3.048 | 454 | 795 | 22 | 6.707 | 999 | 1510 |
| 11 | 3.353 | 500 | 874 | 23 | 7.012 | 1045 | 1510 |
| 12 | 3.658 | 545 | 954 | 24 | 7.317 | 1090 | 1510 |

**3352205 Etnyre Multi-Material V Slot Nozzle
(Emulsion Products)**

App Rate .20 - .55

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 7.5 | 12 | 13 | 97 | 156 |
| 2 | 15 | 24 | 14 | 105 | 168 |
| 3 | 22 | 36 | 15 | 112 | 180 |
| 4 | 30 | 48 | 16 | 120 | 192 |
| 5 | 37 | 60 | 17 | 127 | 204 |
| 6 | 45 | 72 | 18 | 135 | 216 |
| 7 | 52 | 84 | 19 | 142 | 228 |
| 8 | 60 | 96 | 20 | 150 | 240 |
| 9 | 67 | 108 | 21 | 157 | 252 |
| 10 | 75 | 120 | 22 | 165 | 264 |
| 11 | 82 | 132 | 23 | 172 | 276 |
| 12 | 90 | 144 | 24 | 180 | 288 |

METRIC

3352205 Etnyre Multi-Material V Slot Nozzle App Rate

.90- 2.50

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 28 | 45 | 13 | 3.963 | 367 | 591 |
| 2 | 0.609 | 57 | 91 | 14 | 4.268 | 397 | 636 |
| 3 | 0.914 | 83 | 136 | 15 | 4.573 | 424 | 681 |
| 4 | 1.219 | 114 | 182 | 16 | 4.878 | 454 | 727 |
| 5 | 1.524 | 140 | 227 | 17 | 5.182 | 481 | 772 |
| 6 | 1.829 | 170 | 273 | 18 | 5.487 | 511 | 818 |
| 7 | 2.134 | 197 | 318 | 19 | 5.792 | 538 | 863 |
| 8 | 2.439 | 227 | 363 | 20 | 6.097 | 568 | 908 |
| 9 | 2.743 | 254 | 409 | 21 | 6.402 | 594 | 954 |
| 10 | 3.048 | 284 | 454 | 22 | 6.707 | 625 | 999 |
| 11 | 3.353 | 310 | 500 | 23 | 7.012 | 651 | 1045 |
| 12 | 3.658 | 341 | 545 | 24 | 7.317 | 681 | 1090 |

3355010 Etnyre Multi-Material V Slot Nozzle**App Rate .29 - .72**

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 10.0 | 16.5 | 13 | 130 | 214.5 |
| 2 | 20.0 | 33.0 | 14 | 140 | 231 |
| 3 | 30 | 49.5 | 15 | 150 | 247.5 |
| 4 | 40 | 66 | 16 | 160 | 264 |
| 5 | 50 | 82.5 | 17 | 170 | 280.5 |
| 6 | 60 | 99 | 18 | 180 | 297 |
| 7 | 70 | 115.5 | 19 | 190 | 313.5 |
| 8 | 80 | 132 | 20 | 200 | 330 |
| 9 | 90 | 148.5 | 21 | 210 | 346.5 |
| 10 | 100 | 165 | 22 | 220 | 363 |
| 11 | 110 | 181.5 | 23 | 230 | 379.5 |
| 12 | 120 | 198 | 24 | 240 | 396 |

METRIC**3355010 Etnyre Multi-Material V Slot Nozzle App Rate****1.31- 3.26**

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 38 | 62 | 13 | 3.963 | 492 | 812 |
| 2 | 0.609 | 76 | 125 | 14 | 4.268 | 530 | 874 |
| 3 | 0.914 | 114 | 187 | 15 | 4.573 | 568 | 937 |
| 4 | 1.219 | 151 | 250 | 16 | 4.878 | 606 | 999 |
| 5 | 1.524 | 189 | 312 | 17 | 5.182 | 643 | 1062 |
| 6 | 1.829 | 227 | 375 | 18 | 5.487 | 681 | 1124 |
| 7 | 2.134 | 265 | 437 | 19 | 5.792 | 719 | 1187 |
| 8 | 2.439 | 303 | 500 | 20 | 6.097 | 757 | 1249 |
| 9 | 2.743 | 341 | 562 | 21 | 6.402 | 795 | 1312 |
| 10 | 3.048 | 379 | 625 | 22 | 6.707 | 833 | 1374 |
| 11 | 3.353 | 416 | 687 | 23 | 7.012 | 871 | 1436 |
| 12 | 3.658 | 454 | 749 | 24 | 7.317 | 908 | 1499 |

3351014 Etnyre 3/16 Coin Slot Nozzle**App Rate .35 - .95**

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 12 | 21 | 13 | 156 | 273 |
| 2 | 24 | 42 | 14 | 168 | 294 |
| 3 | 36 | 63 | 15 | 180 | 315 |
| 4 | 48 | 84 | 16 | 192 | 336 |
| 5 | 60 | 105 | 17 | 204 | 357 |
| 6 | 72 | 126 | 18 | 216 | 378 |
| 7 | 84 | 147 | 19 | 228 | 399 |
| 8 | 96 | 168 | 20 | 240 | 399 |
| 9 | 108 | 189 | 21 | 252 | 399 |
| 10 | 120 | 210 | 22 | 264 | 399 |
| 11 | 132 | 231 | 23 | 276 | 399 |
| 12 | 144 | 252 | 24 | 288 | 399 |

METRIC**3351014 Etnyre 3/16 Coin Slot Nozzle****App Rate 1.60 - 4.30**

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 45 | 79 | 13 | 3.963 | 591 | 1033 |
| 2 | 0.609 | 91 | 159 | 14 | 4.268 | 636 | 1113 |
| 3 | 0.914 | 136 | 238 | 15 | 4.573 | 681 | 1192 |
| 4 | 1.219 | 182 | 318 | 16 | 4.878 | 727 | 1272 |
| 5 | 1.524 | 227 | 397 | 17 | 5.182 | 772 | 1351 |
| 6 | 1.829 | 273 | 477 | 18 | 5.487 | 818 | 1431 |
| 7 | 2.134 | 318 | 556 | 19 | 5.792 | 863 | 1510 |
| 8 | 2.439 | 363 | 636 | 20 | 6.097 | 908 | 1510 |
| 9 | 2.743 | 409 | 715 | 21 | 6.402 | 954 | 1510 |
| 10 | 3.048 | 454 | 795 | 22 | 6.707 | 999 | 1510 |
| 11 | 3.353 | 500 | 874 | 23 | 7.012 | 1045 | 1510 |
| 12 | 3.658 | 545 | 954 | 24 | 7.317 | 1090 | 1510 |

3351010 Etnyre 1/4 Coin Slot Nozzle**App Rate .40 - 1.10**

Drive Distributor to achieve GPM between Min and Max for Application accuracy

| # of Feet | Min GPM | Max GPM | # of Feet | Min GPM | Max GPM |
|-----------|---------|---------|-----------|---------|---------|
| 1 | 15 | 24 | 13 | 195 | 312 |
| 2 | 30 | 48 | 14 | 210 | 336 |
| 3 | 45 | 72 | 15 | 225 | 360 |
| 4 | 60 | 96 | 16 | 240 | 384 |
| 5 | 75 | 120 | 17 | 255 | 399 |
| 6 | 90 | 144 | 18 | 270 | 399 |
| 7 | 105 | 168 | 19 | 285 | 399 |
| 8 | 120 | 192 | 20 | 300 | 399 |
| 9 | 135 | 216 | 21 | 315 | 399 |
| 10 | 150 | 240 | 22 | 330 | 399 |
| 11 | 165 | 264 | 23 | 345 | 399 |
| 12 | 180 | 288 | 24 | 360 | 399 |

METRIC**3351010 Etnyre 1/4 Coin Slot Nozzle****App Rate 1.60 - 4.30**

Drive Distributor to achieve Lt/min between Min and Max for Application accuracy

| # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum | # of Feet | meter(m) | Lt/min Minimum | Lt/min Maximum |
|-----------|----------|-------------------|-------------------|-----------|----------|-------------------|-------------------|
| 1 | 0.304 | 45 | 79 | 13 | 3.963 | 591 | 1033 |
| 2 | 0.609 | 91 | 159 | 14 | 4.268 | 636 | 1113 |
| 3 | 0.914 | 136 | 238 | 15 | 4.573 | 681 | 1192 |
| 4 | 1.219 | 182 | 318 | 16 | 4.878 | 727 | 1272 |
| 5 | 1.524 | 227 | 397 | 17 | 5.182 | 772 | 1351 |
| 6 | 1.829 | 273 | 477 | 18 | 5.487 | 818 | 1431 |
| 7 | 2.134 | 318 | 556 | 19 | 5.792 | 863 | 1510 |
| 8 | 2.439 | 363 | 636 | 20 | 6.097 | 908 | 1510 |
| 9 | 2.743 | 409 | 715 | 21 | 6.402 | 954 | 1510 |
| 10 | 3.048 | 454 | 795 | 22 | 6.707 | 999 | 1510 |
| 11 | 3.353 | 500 | 874 | 23 | 7.012 | 1045 | 1510 |
| 12 | 3.658 | 545 | 954 | 24 | 7.317 | 1090 | 1510 |