



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SCCM ETHYLENE DATE : 08-30-1991  
 TUBE NUMBER : 602(E300) TYPICAL STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 FLOAT NUMBER : 002 GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: GLASS PRESSURE IN TUBE : 20 PSIG

| SCALE<br>READING | FLOW<br>RATE | SCALE<br>READING | FLOW<br>RATE | SCALE<br>READING | FLOW<br>RATE | SCALE<br>READING | FLOW<br>RATE |
|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| 150.0            | 789.780      | 110.0            | 544.092      | 70.0             | 298.093      | 30.0             | 84.616       |
| 149.0            | 783.402      | 109.0            | 537.983      | 69.0             | 292.046      | 29.0             | 80.532       |
| 148.0            | 777.049      | 108.0            | 531.869      | 68.0             | 286.015      | 28.0             | 76.539       |
| 147.0            | 770.722      | 107.0            | 525.750      | 67.0             | 280.002      | 27.0             | 72.641       |
| 146.0            | 764.417      | 106.0            | 519.626      | 66.0             | 274.010      | 26.0             | 68.840       |
| 145.0            | 758.135      | 105.0            | 513.497      | 65.0             | 268.038      | 25.0             | 65.137       |
| 144.0            | 751.874      | 104.0            | 507.364      | 64.0             | 262.088      | 24.0             | 61.537       |
| 143.0            | 745.632      | 103.0            | 501.225      | 63.0             | 256.162      | 23.0             | 58.042       |
| 142.0            | 739.408      | 102.0            | 495.082      | 62.0             | 250.260      | 22.0             | 54.654       |
| 141.0            | 733.201      | 101.0            | 488.934      | 61.0             | 244.385      | 21.0             | 51.377       |
| 140.0            | 727.010      | 100.0            | 482.781      | 60.0             | 238.538      | 20.0             | 48.212       |
| 139.0            | 720.833      | 99.0             | 476.624      | 59.0             | 232.721      | 19.0             | 45.163       |
| 138.0            | 714.670      | 98.0             | 470.463      | 58.0             | 226.934      | 18.0             | 42.233       |
| 137.0            | 708.520      | 97.0             | 464.298      | 57.0             | 221.179      | 17.0             | 39.424       |
| 136.0            | 702.381      | 96.0             | 458.129      | 56.0             | 215.459      | 16.0             | 36.739       |
| 135.0            | 696.252      | 95.0             | 451.957      | 55.0             | 209.774      | 15.0             | 34.182       |
| 134.0            | 690.132      | 94.0             | 445.782      | 54.0             | 204.126      | 14.0             | 31.755       |
| 133.0            | 684.022      | 93.0             | 439.604      | 53.0             | 198.517      | 13.0             | 29.461       |
| 132.0            | 677.918      | 92.0             | 433.423      | 52.0             | 192.949      | 12.0             | 27.304       |
| 131.0            | 671.821      | 91.0             | 427.241      | 51.0             | 187.423      | 11.0             | 25.286       |
| 130.0            | 665.730      | 90.0             | 421.058      | 50.0             | 181.941      | 10.0             | 23.411       |
| 129.0            | 659.644      | 89.0             | 414.873      | 49.0             | 176.505      | 9.0              | 21.681       |
| 128.0            | 653.562      | 88.0             | 408.688      | 48.0             | 171.117      | 8.0              | 20.100       |
| 127.0            | 647.483      | 87.0             | 402.503      | 47.0             | 165.779      | 7.0              | 18.670       |
| 126.0            | 641.407      | 86.0             | 396.319      | 46.0             | 160.492      | 6.0              | 17.397       |
| 125.0            | 635.334      | 85.0             | 390.137      | 45.0             | 155.259      | 5.0              | 16.281       |
| 124.0            | 629.261      | 84.0             | 383.956      | 44.0             | 150.082      |                  |              |
| 123.0            | 623.189      | 83.0             | 377.778      | 43.0             | 144.962      |                  |              |
| 122.0            | 617.117      | 82.0             | 371.604      | 42.0             | 139.902      |                  |              |
| 121.0            | 611.044      | 81.0             | 365.434      | 41.0             | 134.903      |                  |              |
| 120.0            | 604.971      | 80.0             | 359.269      | 40.0             | 129.968      |                  |              |
| 119.0            | 598.897      | 79.0             | 353.110      | 39.0             | 125.099      |                  |              |
| 118.0            | 592.820      | 78.0             | 346.957      | 38.0             | 120.298      |                  |              |
| 117.0            | 586.741      | 77.0             | 340.813      | 37.0             | 115.568      |                  |              |
| 116.0            | 580.659      | 76.0             | 334.676      | 36.0             | 110.910      |                  |              |
| 115.0            | 574.574      | 75.0             | 328.549      | 35.0             | 106.327      |                  |              |
| 114.0            | 568.486      | 74.0             | 322.433      | 34.0             | 101.821      |                  |              |
| 113.0            | 562.393      | 73.0             | 316.328      | 33.0             | 97.395       |                  |              |
| 112.0            | 556.297      | 72.0             | 310.236      | 32.0             | 93.050       |                  |              |
| 111.0            | 550.197      | 71.0             | 304.157      | 31.0             | 88.790       |                  |              |