



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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TUBE NUMBER : 601 (E200)                      STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 SERIAL NUMBER : TYPICAL                      GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: 316 ST. STL.                PRESSURE IN TUBE : 0 PSIG

| SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE |
|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| 150.0         | 345.891   | 110.0         | 232.396   | 70.0          | 120.494   | 30.0          | 35.347    |
| 149.0         | 343.187   | 109.0         | 229.492   | 69.0          | 117.917   | 29.0          | 33.833    |
| 148.0         | 340.473   | 108.0         | 226.588   | 68.0          | 115.357   | 28.0          | 32.356    |
| 147.0         | 337.750   | 107.0         | 223.685   | 67.0          | 112.814   | 27.0          | 30.918    |
| 146.0         | 335.017   | 106.0         | 220.784   | 66.0          | 110.289   | 26.0          | 29.518    |
| 145.0         | 332.275   | 105.0         | 217.884   | 65.0          | 107.782   | 25.0          | 28.158    |
| 144.0         | 329.524   | 104.0         | 214.987   | 64.0          | 105.293   | 24.0          | 26.839    |
| 143.0         | 326.764   | 103.0         | 212.093   | 63.0          | 102.824   | 23.0          | 25.560    |
| 142.0         | 323.996   | 102.0         | 209.202   | 62.0          | 100.374   | 22.0          | 24.322    |
| 141.0         | 321.220   | 101.0         | 206.313   | 61.0          | 97.944    | 21.0          | 23.126    |
| 140.0         | 318.435   | 100.0         | 203.429   | 60.0          | 95.535    | 20.0          | 21.973    |
| 139.0         | 315.643   | 99.0          | 200.548   | 59.0          | 93.147    | 19.0          | 20.863    |
| 138.0         | 312.843   | 98.0          | 197.672   | 58.0          | 90.780    | 18.0          | 19.797    |
| 137.0         | 310.035   | 97.0          | 194.801   | 57.0          | 88.436    | 17.0          | 18.775    |
| 136.0         | 307.220   | 96.0          | 191.935   | 56.0          | 86.114    | 16.0          | 17.798    |
| 135.0         | 304.399   | 95.0          | 189.074   | 55.0          | 83.815    | 15.0          | 16.867    |
| 134.0         | 301.571   | 94.0          | 186.219   | 54.0          | 81.539    | 14.0          | 15.982    |
| 133.0         | 298.736   | 93.0          | 183.371   | 53.0          | 79.288    | 13.0          | 15.144    |
| 132.0         | 295.895   | 92.0          | 180.529   | 52.0          | 77.061    | 12.0          | 14.354    |
| 131.0         | 293.049   | 91.0          | 177.694   | 51.0          | 74.859    | 11.0          | 13.612    |
| 130.0         | 290.196   | 90.0          | 174.866   | 50.0          | 72.682    | 10.0          | 12.919    |
| 129.0         | 287.339   | 89.0          | 172.046   | 49.0          | 70.532    | 9.0           | 12.275    |
| 128.0         | 284.476   | 88.0          | 169.234   | 48.0          | 68.408    | 8.0           | 11.682    |
| 127.0         | 281.608   | 87.0          | 166.431   | 47.0          | 66.312    | 7.0           | 11.139    |
| 126.0         | 278.736   | 86.0          | 163.637   | 46.0          | 64.243    | 6.0           | 10.648    |
| 125.0         | 275.860   | 85.0          | 160.853   | 45.0          | 62.202    | 5.0           | 10.209    |
| 124.0         | 272.979   | 84.0          | 158.078   | 44.0          | 60.190    |               |           |
| 123.0         | 270.095   | 83.0          | 155.313   | 43.0          | 58.207    |               |           |
| 122.0         | 267.208   | 82.0          | 152.559   | 42.0          | 56.255    |               |           |
| 121.0         | 264.317   | 81.0          | 149.816   | 41.0          | 54.332    |               |           |
| 120.0         | 261.423   | 80.0          | 147.084   | 40.0          | 52.440    |               |           |
| 119.0         | 258.527   | 79.0          | 144.365   | 39.0          | 50.580    |               |           |
| 118.0         | 255.629   | 78.0          | 141.657   | 38.0          | 48.752    |               |           |
| 117.0         | 252.728   | 77.0          | 138.963   | 37.0          | 46.957    |               |           |
| 116.0         | 249.826   | 76.0          | 136.281   | 36.0          | 45.194    |               |           |
| 115.0         | 246.923   | 75.0          | 133.613   | 35.0          | 43.465    |               |           |
| 114.0         | 244.018   | 74.0          | 130.960   | 34.0          | 41.771    |               |           |
| 113.0         | 241.113   | 73.0          | 128.320   | 33.0          | 40.111    |               |           |
| 112.0         | 238.207   | 72.0          | 125.696   | 32.0          | 38.487    |               |           |
| 111.0         | 235.302   | 71.0          | 123.087   | 31.0          | 36.899    |               |           |