



MATHESON

ask...The Gas Professionals™

MATHESON

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| | | | |
|-----------------|---------------------|------------------|-----------------------|
| UNITS | : SLPM ETHYLENE | DATE | : 09-06-1991 |
| TUBE NUMBER | : 604(E700) TYPICAL | STD CONDITIONS | : 1 ATMOS. & 70 DEG F |
| FLOAT NUMBER | : 005 | GAS TEMPERATURE | : 70 DEG F |
| FLOAT MATERIAL: | GLASS | PRESSURE IN TUBE | : 20 PSIG |

| SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE |
|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| 150.0 | 15.7023 | 110.0 | 11.4280 | 70.0 | 7.1222 | 30.0 | 2.8832 |
| 149.0 | 15.5985 | 109.0 | 11.3196 | 69.0 | 7.0157 | 29.0 | 2.7768 |
| 148.0 | 15.4945 | 108.0 | 11.2113 | 68.0 | 6.9093 | 28.0 | 2.6703 |
| 147.0 | 15.3903 | 107.0 | 11.1029 | 67.0 | 6.8029 | 27.0 | 2.5637 |
| 146.0 | 15.2858 | 106.0 | 10.9946 | 66.0 | 6.6965 | 26.0 | 2.4570 |
| 145.0 | 15.1811 | 105.0 | 10.8863 | 65.0 | 6.5902 | 25.0 | 2.3502 |
| 144.0 | 15.0761 | 104.0 | 10.7780 | 64.0 | 6.4840 | 24.0 | 2.2433 |
| 143.0 | 14.9710 | 103.0 | 10.6697 | 63.0 | 6.3778 | 23.0 | 2.1363 |
| 142.0 | 14.8656 | 102.0 | 10.5615 | 62.0 | 6.2717 | 22.0 | 2.0291 |
| 141.0 | 14.7600 | 101.0 | 10.4533 | 61.0 | 6.1656 | 21.0 | 1.9218 |
| 140.0 | 14.6543 | 100.0 | 10.3451 | 60.0 | 6.0595 | 20.0 | 1.8144 |
| 139.0 | 14.5483 | 99.0 | 10.2369 | 59.0 | 5.9535 | 19.0 | 1.7068 |
| 138.0 | 14.4422 | 98.0 | 10.1288 | 58.0 | 5.8476 | 18.0 | 1.5990 |
| 137.0 | 14.3359 | 97.0 | 10.0207 | 57.0 | 5.7416 | 17.0 | 1.4911 |
| 136.0 | 14.2295 | 96.0 | 9.9126 | 56.0 | 5.6358 | 16.0 | 1.3830 |
| 135.0 | 14.1229 | 95.0 | 9.8046 | 55.0 | 5.5299 | 15.0 | 1.2747 |
| 134.0 | 14.0162 | 94.0 | 9.6966 | 54.0 | 5.4241 | 14.0 | 1.1663 |
| 133.0 | 13.9093 | 93.0 | 9.5887 | 53.0 | 5.3183 | 13.0 | 1.0576 |
| 132.0 | 13.8023 | 92.0 | 9.4808 | 52.0 | 5.2125 | 12.0 | 0.9487 |
| 131.0 | 13.6951 | 91.0 | 9.3730 | 51.0 | 5.1067 | 11.0 | 0.8396 |
| 130.0 | 13.5879 | 90.0 | 9.2652 | 50.0 | 5.0010 | 10.0 | 0.7303 |
| 129.0 | 13.4805 | 89.0 | 9.1575 | 49.0 | 4.8952 | 9.0 | 0.6208 |
| 128.0 | 13.3731 | 88.0 | 9.0499 | 48.0 | 4.7895 | 8.0 | 0.5110 |
| 127.0 | 13.2655 | 87.0 | 8.9423 | 47.0 | 4.6838 | 7.0 | 0.4010 |
| 126.0 | 13.1579 | 86.0 | 8.8347 | 46.0 | 4.5781 | 6.0 | 0.2907 |
| 125.0 | 13.0502 | 85.0 | 8.7272 | 45.0 | 4.4724 | 5.0 | 0.1802 |
| 124.0 | 12.9424 | 84.0 | 8.6198 | 44.0 | 4.3666 | | |
| 123.0 | 12.8345 | 83.0 | 8.5124 | 43.0 | 4.2609 | | |
| 122.0 | 12.7265 | 82.0 | 8.4051 | 42.0 | 4.1552 | | |
| 121.0 | 12.6185 | 81.0 | 8.2978 | 41.0 | 4.0494 | | |
| 120.0 | 12.5105 | 80.0 | 8.1907 | 40.0 | 3.9436 | | |
| 119.0 | 12.4024 | 79.0 | 8.0835 | 39.0 | 3.8378 | | |
| 118.0 | 12.2942 | 78.0 | 7.9765 | 38.0 | 3.7319 | | |
| 117.0 | 12.1860 | 77.0 | 7.8695 | 37.0 | 3.6260 | | |
| 116.0 | 12.0778 | 76.0 | 7.7625 | 36.0 | 3.5201 | | |
| 115.0 | 11.9695 | 75.0 | 7.6555 | 35.0 | 3.4141 | | |
| 114.0 | 11.8612 | 74.0 | 7.5489 | 34.0 | 3.3080 | | |
| 113.0 | 11.7529 | 73.0 | 7.4421 | 33.0 | 3.2019 | | |
| 112.0 | 11.6446 | 72.0 | 7.3354 | 32.0 | 3.0958 | | |
| 111.0 | 11.5363 | 71.0 | 7.2288 | 31.0 | 2.9895 | | |