



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 | : 50 PSIG |

| SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE |
|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| 150.0 | 22.5977 | 110.0 | 16.4721 | 70.0 | 10.3777 | 30.0 | 4.2169 |
| 149.0 | 22.4415 | 109.0 | 16.3204 | 69.0 | 10.2243 | 29.0 | 4.0633 |
| 148.0 | 22.2855 | 108.0 | 16.1688 | 68.0 | 10.0707 | 28.0 | 3.9098 |
| 147.0 | 22.1297 | 107.0 | 16.0171 | 67.0 | 9.9171 | 27.0 | 3.7564 |
| 146.0 | 21.9742 | 106.0 | 15.8654 | 66.0 | 9.7634 | 26.0 | 3.6030 |
| 145.0 | 21.8190 | 105.0 | 15.7137 | 65.0 | 9.6097 | 25.0 | 3.4498 |
| 144.0 | 21.6639 | 104.0 | 15.5620 | 64.0 | 9.4560 | 24.0 | 3.2968 |
| 143.0 | 21.5091 | 103.0 | 15.4103 | 63.0 | 9.3022 | 23.0 | 3.1438 |
| 142.0 | 21.3545 | 102.0 | 15.2585 | 62.0 | 9.1483 | 22.0 | 2.9910 |
| 141.0 | 21.2000 | 101.0 | 15.1067 | 61.0 | 8.9944 | 21.0 | 2.8383 |
| 140.0 | 21.0458 | 100.0 | 14.9549 | 60.0 | 8.8404 | 20.0 | 2.6857 |
| 139.0 | 20.8918 | 99.0 | 14.8031 | 59.0 | 8.6865 | 19.0 | 2.5333 |
| 138.0 | 20.7379 | 98.0 | 14.6512 | 58.0 | 8.5324 | 18.0 | 2.3811 |
| 137.0 | 20.5842 | 97.0 | 14.4993 | 57.0 | 8.3783 | 17.0 | 2.2290 |
| 136.0 | 20.4306 | 96.0 | 14.3474 | 56.0 | 8.2242 | 16.0 | 2.0771 |
| 135.0 | 20.2772 | 95.0 | 14.1954 | 55.0 | 8.0701 | 15.0 | 1.9253 |
| 134.0 | 20.1239 | 94.0 | 14.0433 | 54.0 | 7.9159 | 14.0 | 1.7738 |
| 133.0 | 19.9708 | 93.0 | 13.8913 | 53.0 | 7.7617 | 13.0 | 1.6225 |
| 132.0 | 19.8178 | 92.0 | 13.7391 | 52.0 | 7.6075 | 12.0 | 1.4713 |
| 131.0 | 19.6649 | 91.0 | 13.5870 | 51.0 | 7.4533 | 11.0 | 1.3204 |
| 130.0 | 19.5122 | 90.0 | 13.4347 | 50.0 | 7.2990 | 10.0 | 1.1697 |
| 129.0 | 19.3595 | 89.0 | 13.2824 | 49.0 | 7.1448 | 9.0 | 1.0192 |
| 128.0 | 19.2070 | 88.0 | 13.1301 | 48.0 | 6.9905 | 8.0 | 0.8690 |
| 127.0 | 19.0546 | 87.0 | 12.9777 | 47.0 | 6.8362 | 7.0 | 0.7190 |
| 126.0 | 18.9022 | 86.0 | 12.8253 | 46.0 | 6.6820 | 6.0 | 0.5693 |
| 125.0 | 18.7499 | 85.0 | 12.6727 | 45.0 | 6.5277 | 5.0 | 0.4198 |
| 124.0 | 18.5977 | 84.0 | 12.5202 | 44.0 | 6.3734 | | |
| 123.0 | 18.4456 | 83.0 | 12.3675 | 43.0 | 6.2191 | | |
| 122.0 | 18.2935 | 82.0 | 12.2149 | 42.0 | 6.0649 | | |
| 121.0 | 18.1415 | 81.0 | 12.0621 | 41.0 | 5.9107 | | |
| 120.0 | 17.9896 | 80.0 | 11.9093 | 40.0 | 5.7565 | | |
| 119.0 | 17.8377 | 79.0 | 11.7564 | 39.0 | 5.6023 | | |
| 118.0 | 17.6859 | 78.0 | 11.6035 | 38.0 | 5.4481 | | |
| 117.0 | 17.5341 | 77.0 | 11.4505 | 37.0 | 5.2940 | | |
| 116.0 | 17.3823 | 76.0 | 11.2974 | 36.0 | 5.1400 | | |
| 115.0 | 17.2305 | 75.0 | 11.1443 | 35.0 | 4.9860 | | |
| 114.0 | 17.0788 | 74.0 | 10.9911 | 34.0 | 4.8320 | | |
| 113.0 | 16.9271 | 73.0 | 10.8379 | 33.0 | 4.6781 | | |
| 112.0 | 16.7754 | 72.0 | 10.6845 | 32.0 | 4.5243 | | |
| 111.0 | 16.6238 | 71.0 | 10.5312 | 31.0 | 4.3705 | | |