



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SCCM CHLORINE                      DATE : 07-29-1993  
 TUBE NUMBER : E100B                      STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 SERIAL NUMBER : TYPICAL                      GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: GLASS                      PRESSURE IN TUBE : 0 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            | 35.6164      | 110.0            | 20.8966      | 70.0             | 9.9195       | 30.0             | 3.7203       |
| 149.0            | 35.2378      | 109.0            | 20.5630      | 69.0             | 9.7115       | 29.0             | 3.6062       |
| 148.0            | 34.8585      | 108.0            | 20.2321      | 68.0             | 9.5066       | 28.0             | 3.4931       |
| 147.0            | 34.4785      | 107.0            | 19.9038      | 67.0             | 9.3049       | 27.0             | 3.3808       |
| 146.0            | 34.0981      | 106.0            | 19.5783      | 66.0             | 9.1064       | 26.0             | 3.2693       |
| 145.0            | 33.7172      | 105.0            | 19.2555      | 65.0             | 8.9110       | 25.0             | 3.1586       |
| 144.0            | 33.3360      | 104.0            | 18.9355      | 64.0             | 8.7186       | 24.0             | 3.0484       |
| 143.0            | 32.9547      | 103.0            | 18.6184      | 63.0             | 8.5294       | 23.0             | 2.9387       |
| 142.0            | 32.5733      | 102.0            | 18.3041      | 62.0             | 8.3432       | 22.0             | 2.8295       |
| 141.0            | 32.1919      | 101.0            | 17.9928      | 61.0             | 8.1600       | 21.0             | 2.7205       |
| 140.0            | 31.8107      | 100.0            | 17.6845      | 60.0             | 7.9799       | 20.0             | 2.6117       |
| 139.0            | 31.4297      | 99.0             | 17.3791      | 59.0             | 7.8026       | 19.0             | 2.5030       |
| 138.0            | 31.0490      | 98.0             | 17.0768      | 58.0             | 7.6283       | 18.0             | 2.3943       |
| 137.0            | 30.6689      | 97.0             | 16.7775      | 57.0             | 7.4568       | 17.0             | 2.2855       |
| 136.0            | 30.2892      | 96.0             | 16.4813      | 56.0             | 7.2881       | 16.0             | 2.1764       |
| 135.0            | 29.9102      | 95.0             | 16.1882      | 55.0             | 7.1223       | 15.0             | 2.0670       |
| 134.0            | 29.5320      | 94.0             | 15.8983      | 54.0             | 6.9591       | 14.0             | 1.9571       |
| 133.0            | 29.1546      | 93.0             | 15.6116      | 53.0             | 6.7987       | 13.0             | 1.8466       |
| 132.0            | 28.7782      | 92.0             | 15.3280      | 52.0             | 6.6409       | 12.0             | 1.7355       |
| 131.0            | 28.4027      | 91.0             | 15.0476      | 51.0             | 6.4857       | 11.0             | 1.6235       |
| 130.0            | 28.0284      | 90.0             | 14.7705      | 50.0             | 6.3331       | 10.0             | 1.5106       |
| 129.0            | 27.6553      | 89.0             | 14.4966      | 49.0             | 6.1829       | 9.0              | 1.3966       |
| 128.0            | 27.2834      | 88.0             | 14.2260      | 48.0             | 6.0352       | 8.0              | 1.2814       |
| 127.0            | 26.9130      | 87.0             | 13.9587      | 47.0             | 5.8899       | 7.0              | 1.1650       |
| 126.0            | 26.5439      | 86.0             | 13.6946      | 46.0             | 5.7469       | 6.0              | 1.0470       |
| 125.0            | 26.1764      | 85.0             | 13.4339      | 45.0             | 5.6061       | 5.0              | 0.9275       |
| 124.0            | 25.8105      | 84.0             | 13.1764      | 44.0             | 5.4676       |                  |              |
| 123.0            | 25.4463      | 83.0             | 12.9223      | 43.0             | 5.3311       |                  |              |
| 122.0            | 25.0839      | 82.0             | 12.6714      | 42.0             | 5.1968       |                  |              |
| 121.0            | 24.7233      | 81.0             | 12.4239      | 41.0             | 5.0645       |                  |              |
| 120.0            | 24.3646      | 80.0             | 12.1797      | 40.0             | 4.9341       |                  |              |
| 119.0            | 24.0078      | 79.0             | 11.9389      | 39.0             | 4.8056       |                  |              |
| 118.0            | 23.6531      | 78.0             | 11.7013      | 38.0             | 4.6788       |                  |              |
| 117.0            | 23.3006      | 77.0             | 11.4671      | 37.0             | 4.5538       |                  |              |
| 116.0            | 22.9501      | 76.0             | 11.2362      | 36.0             | 4.4305       |                  |              |
| 115.0            | 22.6020      | 75.0             | 11.0085      | 35.0             | 4.3087       |                  |              |
| 114.0            | 22.2561      | 74.0             | 10.7842      | 34.0             | 4.1883       |                  |              |
| 113.0            | 21.9125      | 73.0             | 10.5632      | 33.0             | 4.0694       |                  |              |
| 112.0            | 21.5714      | 72.0             | 10.3454      | 32.0             | 3.9519       |                  |              |
| 111.0            | 21.2328      | 71.0             | 10.1308      | 31.0             | 3.8355       |                  |              |