



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SCCM BORON TRIFLUORIDE  
 TUBE NUMBER : E100B  
 SERIAL NUMBER : TYPICAL  
 FLOAT MATERIAL: 316 ST. STL.  
 DATE : 02/09/96 (F)  
 STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 GAS TEMPERATURE : 70 DEG F  
 PRESSURE IN TUBE : 0 PSIG

| SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE |
|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| 150.0         | 103.10    | 110.0         | 61.47     | 70.0          | 27.82     | 30.0          | 9.61      |
| 149.0         | 102.14    | 109.0         | 60.46     | 69.0          | 27.18     | 29.0          | 9.30      |
| 148.0         | 101.16    | 108.0         | 59.46     | 68.0          | 26.56     | 28.0          | 8.98      |
| 147.0         | 100.18    | 107.0         | 58.46     | 67.0          | 25.94     | 27.0          | 8.67      |
| 146.0         | 99.19     | 106.0         | 57.47     | 66.0          | 25.34     | 26.0          | 8.36      |
| 145.0         | 98.19     | 105.0         | 56.49     | 65.0          | 24.75     | 25.0          | 8.05      |
| 144.0         | 97.18     | 104.0         | 55.51     | 64.0          | 24.17     | 24.0          | 7.75      |
| 143.0         | 96.16     | 103.0         | 54.55     | 63.0          | 23.60     | 23.0          | 7.44      |
| 142.0         | 95.14     | 102.0         | 53.59     | 62.0          | 23.04     | 22.0          | 7.14      |
| 141.0         | 94.11     | 101.0         | 52.63     | 61.0          | 22.49     | 21.0          | 6.84      |
| 140.0         | 93.08     | 100.0         | 51.69     | 60.0          | 21.94     | 20.0          | 6.53      |
| 139.0         | 92.03     | 99.0          | 50.75     | 59.0          | 21.41     | 19.0          | 6.23      |
| 138.0         | 90.99     | 98.0          | 49.83     | 58.0          | 20.89     | 18.0          | 5.92      |
| 137.0         | 89.94     | 97.0          | 48.91     | 57.0          | 20.38     | 17.0          | 5.62      |
| 136.0         | 88.89     | 96.0          | 48.00     | 56.0          | 19.88     | 16.0          | 5.31      |
| 135.0         | 87.83     | 95.0          | 47.10     | 55.0          | 19.39     | 15.0          | 5.00      |
| 134.0         | 86.77     | 94.0          | 46.20     | 54.0          | 18.91     | 14.0          | 4.69      |
| 133.0         | 85.70     | 93.0          | 45.32     | 53.0          | 18.43     | 13.0          | 4.38      |
| 132.0         | 84.64     | 92.0          | 44.45     | 52.0          | 17.97     | 12.0          | 4.06      |
| 131.0         | 83.57     | 91.0          | 43.58     | 51.0          | 17.51     | 11.0          | 3.74      |
| 130.0         | 82.50     | 90.0          | 42.73     | 50.0          | 17.06     | 10.0          | 3.41      |
| 129.0         | 81.44     | 89.0          | 41.89     | 49.0          | 16.63     | 9.0           | 3.08      |
| 128.0         | 80.37     | 88.0          | 41.05     | 48.0          | 16.19     | 8.0           | 2.74      |
| 127.0         | 79.30     | 87.0          | 40.23     | 47.0          | 15.77     | 7.0           | 2.40      |
| 126.0         | 78.23     | 86.0          | 39.41     | 46.0          | 15.36     | 6.0           | 2.05      |
| 125.0         | 77.16     | 85.0          | 38.61     | 45.0          | 14.95     | 5.0           | 1.70      |
| 124.0         | 76.09     | 84.0          | 37.82     | 44.0          | 14.55     |               |           |
| 123.0         | 75.03     | 83.0          | 37.03     | 43.0          | 14.16     |               |           |
| 122.0         | 73.96     | 82.0          | 36.26     | 42.0          | 13.78     |               |           |
| 121.0         | 72.90     | 81.0          | 35.50     | 41.0          | 13.40     |               |           |
| 120.0         | 71.84     | 80.0          | 34.75     | 40.0          | 13.03     |               |           |
| 119.0         | 70.79     | 79.0          | 34.00     | 39.0          | 12.66     |               |           |
| 118.0         | 69.74     | 78.0          | 33.27     | 38.0          | 12.30     |               |           |
| 117.0         | 68.69     | 77.0          | 32.55     | 37.0          | 11.95     |               |           |
| 116.0         | 67.64     | 76.0          | 31.84     | 36.0          | 11.60     |               |           |
| 115.0         | 66.60     | 75.0          | 31.15     | 35.0          | 11.26     |               |           |
| 114.0         | 65.56     | 74.0          | 30.46     | 34.0          | 10.92     |               |           |
| 113.0         | 64.53     | 73.0          | 29.78     | 33.0          | 10.59     |               |           |
| 112.0         | 63.51     | 72.0          | 29.12     | 32.0          | 10.26     |               |           |
| 111.0         | 62.49     | 71.0          | 28.46     | 31.0          | 9.94      |               |           |