



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS	: SCCM NITROGEN	DATE	: 04-14-1992
TUBE NUMBER	: #4(E406) TYPICAL	STD CONDITIONS	: 1 ATMOS. & 70 DEG F
FLOAT NUMBER	: 002	GAS TEMPERATURE	: 70 DEG F
FLOAT MATERIAL	: 316 ST. STL.	PRESSURE IN TUBE	: 50 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	3737.16	110.0	2819.70	70.0	1803.31	30.0	678.81
149.0	3713.17	109.0	2796.29	69.0	1775.78	29.0	651.64
148.0	3689.32	108.0	2772.80	68.0	1748.16	28.0	624.61
147.0	3665.60	107.0	2749.22	67.0	1720.47	27.0	597.73
146.0	3642.02	106.0	2725.55	66.0	1692.69	26.0	571.02
145.0	3618.55	105.0	2701.79	65.0	1664.85	25.0	544.48
144.0	3595.20	104.0	2677.93	64.0	1636.93	24.0	518.12
143.0	3571.96	103.0	2653.98	63.0	1608.94	23.0	491.96
142.0	3548.80	102.0	2629.92	62.0	1580.89	22.0	465.99
141.0	3525.74	101.0	2605.77	61.0	1552.78	21.0	440.23
140.0	3502.76	100.0	2581.52	60.0	1524.61	20.0	414.69
139.0	3479.86	99.0	2557.16	59.0	1496.39	19.0	389.38
138.0	3457.02	98.0	2532.70	58.0	1468.12	18.0	364.31
137.0	3434.24	97.0	2508.13	57.0	1439.81	17.0	339.49
136.0	3411.51	96.0	2483.45	56.0	1411.46	16.0	314.93
135.0	3388.83	95.0	2458.66	55.0	1383.07	15.0	290.64
134.0	3366.19	94.0	2433.76	54.0	1354.65	14.0	266.62
133.0	3343.58	93.0	2408.75	53.0	1326.21	13.0	242.90
132.0	3320.99	92.0	2383.63	52.0	1297.76	12.0	219.48
131.0	3298.43	91.0	2358.40	51.0	1269.28	11.0	196.37
130.0	3275.88	90.0	2333.06	50.0	1240.80	10.0	173.59
129.0	3253.34	89.0	2307.60	49.0	1212.31	9.0	151.14
128.0	3230.80	88.0	2282.03	48.0	1183.83	8.0	129.04
127.0	3208.26	87.0	2256.35	47.0	1155.35	7.0	107.30
126.0	3185.71	86.0	2230.56	46.0	1126.89	6.0	85.93
125.0	3163.14	85.0	2204.65	45.0	1098.45	5.0	64.94
124.0	3140.55	84.0	2178.63	44.0	1070.03		
123.0	3117.94	83.0	2152.50	43.0	1041.65		
122.0	3095.30	82.0	2126.27	42.0	1013.30		
121.0	3072.63	81.0	2099.92	41.0	985.01		
120.0	3049.92	80.0	2073.46	40.0	956.76		
119.0	3027.16	79.0	2046.90	39.0	928.58		
118.0	3004.35	78.0	2020.23	38.0	900.46		
117.0	2981.50	77.0	1993.46	37.0	872.41		
116.0	2958.58	76.0	1966.59	36.0	844.45		
115.0	2935.61	75.0	1939.61	35.0	816.57		
114.0	2912.57	74.0	1912.54	34.0	788.80		
113.0	2889.46	73.0	1885.37	33.0	761.12		
112.0	2866.29	72.0	1858.11	32.0	733.56		
111.0	2843.04	71.0	1830.75	31.0	706.12		