



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SLPM HELIUM DATE : 09-03-1991  
 TUBE NUMBER : 603(E500) TYPICAL STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 FLOAT NUMBER : 002 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	13.3013	110.0	11.1977	70.0	7.9190	30.0	3.5359
149.0	13.2630	109.0	11.1300	69.0	7.8224	29.0	3.4134
148.0	13.2239	108.0	11.0615	68.0	7.7251	28.0	3.2904
147.0	13.1842	107.0	10.9923	67.0	7.6271	27.0	3.1668
146.0	13.1437	106.0	10.9223	66.0	7.5284	26.0	3.0426
145.0	13.1025	105.0	10.8517	65.0	7.4290	25.0	2.9178
144.0	13.0605	104.0	10.7802	64.0	7.3289	24.0	2.7925
143.0	13.0179	103.0	10.7081	63.0	7.2282	23.0	2.6666
142.0	12.9745	102.0	10.6352	62.0	7.1267	22.0	2.5402
141.0	12.9304	101.0	10.5616	61.0	7.0246	21.0	2.4131
140.0	12.8855	100.0	10.4872	60.0	6.9218	20.0	2.2856
139.0	12.8400	99.0	10.4121	59.0	6.8183	19.0	2.1574
138.0	12.7937	98.0	10.3363	58.0	6.7142	18.0	2.0288
137.0	12.7466	97.0	10.2597	57.0	6.6094	17.0	1.8996
136.0	12.6988	96.0	10.1824	56.0	6.5039	16.0	1.7698
135.0	12.6503	95.0	10.1044	55.0	6.3977	15.0	1.6395
134.0	12.6011	94.0	10.0256	54.0	6.2909	14.0	1.5087
133.0	12.5511	93.0	9.9461	53.0	6.1835	13.0	1.3774
132.0	12.5004	92.0	9.8659	52.0	6.0753	12.0	1.2455
131.0	12.4489	91.0	9.7849	51.0	5.9666	11.0	1.1131
130.0	12.3968	90.0	9.7032	50.0	5.8571	10.0	0.9802
129.0	12.3438	89.0	9.6208	49.0	5.7470	9.0	0.8468
128.0	12.2902	88.0	9.5377	48.0	5.6363	8.0	0.7129
127.0	12.2358	87.0	9.4539	47.0	5.5249	7.0	0.5785
126.0	12.1806	86.0	9.3693	46.0	5.4129	6.0	0.4436
125.0	12.1247	85.0	9.2840	45.0	5.3003	5.0	0.3082
124.0	12.0681	84.0	9.1980	44.0	5.1870		
123.0	12.0108	83.0	9.1113	43.0	5.0730		
122.0	11.9527	82.0	9.0238	42.0	4.9585		
121.0	11.8938	81.0	8.9356	41.0	4.8433		
120.0	11.8342	80.0	8.8468	40.0	4.7275		
119.0	11.7739	79.0	8.7572	39.0	4.6111		
118.0	11.7129	78.0	8.6669	38.0	4.4941		
117.0	11.6511	77.0	8.5759	37.0	4.3764		
116.0	11.5885	76.0	8.4841	36.0	4.2581		
115.0	11.5252	75.0	8.3917	35.0	4.1393		
114.0	11.4612	74.0	8.2986	34.0	4.0198		
113.0	11.3964	73.0	8.2048	33.0	3.8997		
112.0	11.3309	72.0	8.1102	32.0	3.7790		
111.0	11.2647	71.0	8.0150	31.0	3.6578		