



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SLPM HELIUM DATE : 12-06-1991  
 TUBE NUMBER : 603(E500) 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	22.6777	110.0	17.6275	70.0	11.3199	30.0	3.5594
149.0	22.5329	109.0	17.4971	69.0	11.1330	29.0	3.3805
148.0	22.3905	108.0	17.3655	68.0	10.9450	28.0	3.2037
147.0	22.2502	107.0	17.2328	67.0	10.7558	27.0	3.0293
146.0	22.1120	106.0	17.0990	66.0	10.5656	26.0	2.8573
145.0	21.9757	105.0	16.9638	65.0	10.3744	25.0	2.6879
144.0	21.8412	104.0	16.8274	64.0	10.1822	24.0	2.5212
143.0	21.7084	103.0	16.6897	63.0	9.9891	23.0	2.3574
142.0	21.5772	102.0	16.5507	62.0	9.7951	22.0	2.1965
141.0	21.4474	101.0	16.4103	61.0	9.6003	21.0	2.0388
140.0	21.3191	100.0	16.2686	60.0	9.4048	20.0	1.8843
139.0	21.1919	99.0	16.1254	59.0	9.2086	19.0	1.7332
138.0	21.0659	98.0	15.9807	58.0	9.0117	18.0	1.5857
137.0	20.9409	97.0	15.8346	57.0	8.8143	17.0	1.4419
136.0	20.8168	96.0	15.6871	56.0	8.6164	16.0	1.3020
135.0	20.6936	95.0	15.5380	55.0	8.4180	15.0	1.1661
134.0	20.5711	94.0	15.3874	54.0	8.2193	14.0	1.0343
133.0	20.4492	93.0	15.2353	53.0	8.0203	13.0	0.9068
132.0	20.3278	92.0	15.0817	52.0	7.8211	12.0	0.7838
131.0	20.2069	91.0	14.9266	51.0	7.6217	11.0	0.6655
130.0	20.0864	90.0	14.7698	50.0	7.4223	10.0	0.5519
129.0	19.9661	89.0	14.6116	49.0	7.2228	9.0	0.4434
128.0	19.8459	88.0	14.4518	48.0	7.0235	8.0	0.3399
127.0	19.7259	87.0	14.2904	47.0	6.8244	7.0	0.2418
126.0	19.6059	86.0	14.1275	46.0	6.6255	6.0	0.1491
125.0	19.4858	85.0	13.9630	45.0	6.4270	5.0	0.0620
124.0	19.3655	84.0	13.7970	44.0	6.2290		
123.0	19.2450	83.0	13.6295	43.0	6.0314		
122.0	19.1243	82.0	13.4604	42.0	5.8346		
121.0	19.0031	81.0	13.2898	41.0	5.6384		
120.0	18.8815	80.0	13.1178	40.0	5.4431		
119.0	18.7594	79.0	12.9443	39.0	5.2488		
118.0	18.6367	78.0	12.7693	38.0	5.0554		
117.0	18.5134	77.0	12.5928	37.0	4.8633		
116.0	18.3894	76.0	12.4150	36.0	4.6723		
115.0	18.2646	75.0	12.2358	35.0	4.4828		
114.0	18.1391	74.0	12.0552	34.0	4.2947		
113.0	18.0126	73.0	11.8733	33.0	4.1082		
112.0	17.8852	72.0	11.6901	32.0	3.9234		
111.0	17.7569	71.0	11.5056	31.0	3.7405		