



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

166 Keystone Drive  
 Montgomeryville, PA 18936  
 +1 (800) 828-4313  
[www.mathesongas.com](http://www.mathesongas.com)

UNITS : SLPM ACETYLENE DATE : 01-02-1992  
 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 : 0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	5.4618	110.0	4.5949	70.0	3.1851	30.0	1.4586
149.0	5.4494	109.0	4.5651	69.0	3.1451	29.0	1.4124
148.0	5.4365	108.0	4.5349	68.0	3.1050	28.0	1.3661
147.0	5.4230	107.0	4.5044	67.0	3.0647	27.0	1.3196
146.0	5.4090	106.0	4.4735	66.0	3.0242	26.0	1.2729
145.0	5.3945	105.0	4.4424	65.0	2.9835	25.0	1.2262
144.0	5.3794	104.0	4.4109	64.0	2.9427	24.0	1.1793
143.0	5.3638	103.0	4.3791	63.0	2.9016	23.0	1.1322
142.0	5.3477	102.0	4.3471	62.0	2.8604	22.0	1.0850
141.0	5.3310	101.0	4.3147	61.0	2.8190	21.0	1.0377
140.0	5.3139	100.0	4.2820	60.0	2.7775	20.0	0.9902
139.0	5.2962	99.0	4.2491	59.0	2.7358	19.0	0.9426
138.0	5.2781	98.0	4.2159	58.0	2.6939	18.0	0.8948
137.0	5.2595	97.0	4.1824	57.0	2.6518	17.0	0.8469
136.0	5.2404	96.0	4.1486	56.0	2.6096	16.0	0.7989
135.0	5.2208	95.0	4.1145	55.0	2.5672	15.0	0.7507
134.0	5.2008	94.0	4.0802	54.0	2.5247	14.0	0.7023
133.0	5.1803	93.0	4.0456	53.0	2.4820	13.0	0.6539
132.0	5.1594	92.0	4.0108	52.0	2.4391	12.0	0.6052
131.0	5.1380	91.0	3.9757	51.0	2.3961	11.0	0.5565
130.0	5.1161	90.0	3.9403	50.0	2.3530	10.0	0.5075
129.0	5.0938	89.0	3.9047	49.0	2.3096	9.0	0.4585
128.0	5.0711	88.0	3.8688	48.0	2.2662	8.0	0.4092
127.0	5.0480	87.0	3.8327	47.0	2.2225	7.0	0.3599
126.0	5.0245	86.0	3.7964	46.0	2.1788	6.0	0.3103
125.0	5.0005	85.0	3.7598	45.0	2.1348	5.0	0.2607
124.0	4.9761	84.0	3.7230	44.0	2.0908		
123.0	4.9513	83.0	3.6860	43.0	2.0466		
122.0	4.9262	82.0	3.6487	42.0	2.0022		
121.0	4.9006	81.0	3.6113	41.0	1.9577		
120.0	4.8746	80.0	3.5736	40.0	1.9130		
119.0	4.8483	79.0	3.5356	39.0	1.8682		
118.0	4.8216	78.0	3.4975	38.0	1.8233		
117.0	4.7945	77.0	3.4592	37.0	1.7782		
116.0	4.7671	76.0	3.4206	36.0	1.7330		
115.0	4.7392	75.0	3.3818	35.0	1.6876		
114.0	4.7111	74.0	3.3429	34.0	1.6421		
113.0	4.6826	73.0	3.3037	33.0	1.5964		
112.0	4.6537	72.0	3.2644	32.0	1.5506		
111.0	4.6245	71.0	3.2248	31.0	1.5047		