



**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 CARBON DIOXIDE DATE : 09-06-1991  
 TUBE NUMBER : 604(E700) TYPICAL STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 FLOAT NUMBER : 005 GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: GLASS PRESSURE IN TUBE : 20 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	12.5047	110.0	9.0666	70.0	5.6668	30.0	2.2837
149.0	12.4186	109.0	8.9811	69.0	5.5822	29.0	2.1986
148.0	12.3325	108.0	8.8956	68.0	5.4977	28.0	2.1135
147.0	12.2464	107.0	8.8101	67.0	5.4132	27.0	2.0283
146.0	12.1602	106.0	8.7246	66.0	5.3287	26.0	1.9431
145.0	12.0741	105.0	8.6392	65.0	5.2442	25.0	1.8578
144.0	11.9879	104.0	8.5538	64.0	5.1598	24.0	1.7725
143.0	11.9018	103.0	8.4685	63.0	5.0753	23.0	1.6871
142.0	11.8157	102.0	8.3831	62.0	4.9909	22.0	1.6016
141.0	11.7295	101.0	8.2978	61.0	4.9064	21.0	1.5161
140.0	11.6434	100.0	8.2126	60.0	4.8220	20.0	1.4305
139.0	11.5573	99.0	8.1273	59.0	4.7375	19.0	1.3449
138.0	11.4712	98.0	8.0421	58.0	4.6531	18.0	1.2591
137.0	11.3851	97.0	7.9569	57.0	4.5687	17.0	1.1733
136.0	11.2990	96.0	7.8717	56.0	4.4842	16.0	1.0874
135.0	11.2129	95.0	7.7866	55.0	4.3998	15.0	1.0014
134.0	11.1268	94.0	7.7015	54.0	4.3153	14.0	0.9154
133.0	11.0407	93.0	7.6164	53.0	4.2309	13.0	0.8292
132.0	10.9547	92.0	7.5314	52.0	4.1465	12.0	0.7430
131.0	10.8686	91.0	7.4464	51.0	4.0620	11.0	0.6566
130.0	10.7826	90.0	7.3614	50.0	3.9775	10.0	0.5702
129.0	10.6966	89.0	7.2764	49.0	3.8930	9.0	0.4837
128.0	10.6106	88.0	7.1915	48.0	3.8086	8.0	0.3971
127.0	10.5247	87.0	7.1066	47.0	3.7240	7.0	0.3103
126.0	10.4387	86.0	7.0217	46.0	3.6395	6.0	0.2235
125.0	10.3528	85.0	6.9369	45.0	3.5550	5.0	0.1366
124.0	10.2669	84.0	6.8520	44.0	3.4704		
123.0	10.1810	83.0	6.7672	43.0	3.3859		
122.0	10.0951	82.0	6.6825	42.0	3.3013		
121.0	10.0093	81.0	6.5977	41.0	3.2166		
120.0	9.9234	80.0	6.5130	40.0	3.1320		
119.0	9.8376	79.0	6.4283	39.0	3.0473		
118.0	9.7519	78.0	6.3436	38.0	2.9626		
117.0	9.6661	77.0	6.2589	37.0	2.8779		
116.0	9.5804	76.0	6.1742	36.0	2.7931		
115.0	9.4947	75.0	6.0896	35.0	2.7083		
114.0	9.4090	74.0	6.0050	34.0	2.6235		
113.0	9.3234	73.0	5.9204	33.0	2.5386		
112.0	9.2378	72.0	5.8358	32.0	2.4536		
111.0	9.1522	71.0	5.7513	31.0	2.3687		