



**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 NITROGEN	DATE	: 01-09-1992
TUBE NUMBER	: 605(E800) TYPICAL	STD CONDITIONS	: 1 ATMOS. & 70 DEG F
FLOAT NUMBER	: 005	GAS TEMPERATURE	: 70 DEG F
FLOAT MATERIAL:	316 ST. STL.	PRESSURE IN TUBE	: 20 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	71.7409	110.0	48.9250	70.0	28.3572	30.0	10.4389
149.0	71.1401	109.0	48.3839	69.0	27.8730	29.0	10.0352
148.0	70.5410	108.0	47.8442	68.0	27.3905	28.0	9.6341
147.0	69.9436	107.0	47.3058	67.0	26.9096	27.0	9.2355
146.0	69.3479	106.0	46.7687	66.0	26.4304	26.0	8.8395
145.0	68.7540	105.0	46.2330	65.0	25.9528	25.0	8.4462
144.0	68.1616	104.0	45.6986	64.0	25.4769	24.0	8.0555
143.0	67.5710	103.0	45.1656	63.0	25.0027	23.0	7.6676
142.0	66.9819	102.0	44.6339	62.0	24.5303	22.0	7.2823
141.0	66.3945	101.0	44.1035	61.0	24.0595	21.0	6.8999
140.0	65.8087	100.0	43.5746	60.0	23.5905	20.0	6.5202
139.0	65.2245	99.0	43.0469	59.0	23.1232	19.0	6.1434
138.0	64.6419	98.0	42.5206	58.0	22.6578	18.0	5.7694
137.0	64.0608	97.0	41.9957	57.0	22.1941	17.0	5.3984
136.0	63.4813	96.0	41.4722	56.0	21.7323	16.0	5.0303
135.0	62.9033	95.0	40.9500	55.0	21.2723	15.0	4.6651
134.0	62.3269	94.0	40.4291	54.0	20.8142	14.0	4.3030
133.0	61.7520	93.0	39.9097	53.0	20.3580	13.0	3.9440
132.0	61.1785	92.0	39.3916	52.0	19.9036	12.0	3.5880
131.0	60.6066	91.0	38.8749	51.0	19.4512	11.0	3.2351
130.0	60.0361	90.0	38.3596	50.0	19.0008	10.0	2.8855
129.0	59.4671	89.0	37.8457	49.0	18.5523	9.0	2.5390
128.0	58.8996	88.0	37.3331	48.0	18.1058	8.0	2.1958
127.0	58.3335	87.0	36.8220	47.0	17.6614	7.0	1.8559
126.0	57.7689	86.0	36.3123	46.0	17.2189	6.0	1.5192
125.0	57.2057	85.0	35.8041	45.0	16.7786	5.0	1.1860
124.0	56.6439	84.0	35.2972	44.0	16.3403		
123.0	56.0836	83.0	34.7918	43.0	15.9042		
122.0	55.5246	82.0	34.2879	42.0	15.4702		
121.0	54.9671	81.0	33.7854	41.0	15.0383		
120.0	54.4109	80.0	33.2843	40.0	14.6087		
119.0	53.8562	79.0	32.7848	39.0	14.1813		
118.0	53.3028	78.0	32.2867	38.0	13.7561		
117.0	52.7508	77.0	31.7902	37.0	13.3332		
116.0	52.2002	76.0	31.2951	36.0	12.9126		
115.0	51.6509	75.0	30.8016	35.0	12.4943		
114.0	51.1030	74.0	30.3096	34.0	12.0784		
113.0	50.5565	73.0	29.8191	33.0	11.6649		
112.0	50.0113	72.0	29.3302	32.0	11.2537		
111.0	49.4675	71.0	28.8429	31.0	10.8451		