



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SLPM NITROGEN DATE : 09-06-1991  
 TUBE NUMBER : 605(E800) 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	40.4079	110.0	28.5254	70.0	17.0228	30.0	6.8510
149.0	40.1313	109.0	28.2232	69.0	16.7545	29.0	6.6028
148.0	39.8527	108.0	27.9215	68.0	16.4872	28.0	6.3544
147.0	39.5723	107.0	27.6202	67.0	16.2208	27.0	6.1056
146.0	39.2901	106.0	27.3194	66.0	15.9554	26.0	5.8563
145.0	39.0062	105.0	27.0192	65.0	15.6909	25.0	5.6066
144.0	38.7206	104.0	26.7195	64.0	15.4274	24.0	5.3564
143.0	38.4335	103.0	26.4204	63.0	15.1647	23.0	5.1056
142.0	38.1449	102.0	26.1220	62.0	14.9030	22.0	4.8541
141.0	37.8549	101.0	25.8242	61.0	14.6422	21.0	4.6019
140.0	37.5636	100.0	25.5270	60.0	14.3822	20.0	4.3490
139.0	37.2710	99.0	25.2306	59.0	14.1231	19.0	4.0952
138.0	36.9773	98.0	24.9349	58.0	13.8648	18.0	3.8404
137.0	36.6824	97.0	24.6400	57.0	13.6073	17.0	3.5847
136.0	36.3865	96.0	24.3459	56.0	13.3506	16.0	3.3280
135.0	36.0896	95.0	24.0525	55.0	13.0946	15.0	3.0702
134.0	35.7918	94.0	23.7600	54.0	12.8394	14.0	2.8111
133.0	35.4932	93.0	23.4684	53.0	12.5849	13.0	2.5508
132.0	35.1937	92.0	23.1776	52.0	12.3311	12.0	2.2892
131.0	34.8936	91.0	22.8877	51.0	12.0779	11.0	2.0262
130.0	34.5928	90.0	22.5987	50.0	11.8253	10.0	1.7617
129.0	34.2914	89.0	22.3106	49.0	11.5734	9.0	1.4957
128.0	33.9895	88.0	22.0234	48.0	11.3220	8.0	1.2280
127.0	33.6871	87.0	21.7372	47.0	11.0712	7.0	0.9586
126.0	33.3843	86.0	21.4519	46.0	10.8208	6.0	0.6875
125.0	33.0811	85.0	21.1676	45.0	10.5709	5.0	0.4144
124.0	32.7777	84.0	20.8843	44.0	10.3214		
123.0	32.4739	83.0	20.6019	43.0	10.0724		
122.0	32.1700	82.0	20.3206	42.0	9.8237		
121.0	31.8660	81.0	20.0402	41.0	9.5752		
120.0	31.5618	80.0	19.7609	40.0	9.3271		
119.0	31.2576	79.0	19.4825	39.0	9.0792		
118.0	30.9534	78.0	19.2052	38.0	8.8315		
117.0	30.6493	77.0	18.9289	37.0	8.5839		
116.0	30.3452	76.0	18.6536	36.0	8.3364		
115.0	30.0413	75.0	18.3793	35.0	8.0890		
114.0	29.7376	74.0	18.1060	34.0	7.8416		
113.0	29.4341	73.0	17.8337	33.0	7.5941		
112.0	29.1309	72.0	17.5624	32.0	7.3466		
111.0	28.8280	71.0	17.2921	31.0	7.0989		