



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS	SLPM METHANE	DATE	September 17, 2001
TUBE NUMBER	604(E700) TYPICAL	STD CONDITIONS	1 ATM & 70 DEG F
FLOAT NUMBER	OO5	GAS TEMPERATURE	70 DEG F
FLOAT MATERIAL	GLASS	PRESSURE IN TUBE	0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	12.1431	110.0	8.9114	70.0	5.6944	30.0	2.4469
149.0	12.0606	109.0	8.8314	69.0	5.6134	29.0	2.3662
148.0	11.9782	108.0	8.7514	68.0	5.5323	28.0	2.2856
147.0	11.8960	107.0	8.6714	67.0	5.4512	27.0	2.2050
146.0	11.8140	106.0	8.5914	66.0	5.3701	26.0	2.1245
145.0	11.7320	105.0	8.5113	65.0	5.2890	25.0	2.0441
144.0	11.6502	104.0	8.4313	64.0	5.2078	24.0	1.9638
143.0	11.5685	103.0	8.3512	63.0	5.1266	23.0	1.8836
142.0	11.4869	102.0	8.2711	62.0	5.0454	22.0	1.8035
141.0	11.4054	101.0	8.1910	61.0	4.9642	21.0	1.7234
140.0	11.3240	100.0	8.1109	60.0	4.8829	20.0	1.6435
139.0	11.2427	99.0	8.0308	59.0	4.8016	19.0	1.5637
138.0	11.1615	98.0	7.9506	58.0	4.7203	18.0	1.4840
137.0	11.0805	97.0	7.8705	57.0	4.6390	17.0	1.4044
136.0	10.9995	96.0	7.7903	56.0	4.5577	16.0	1.3249
135.0	10.9185	95.0	7.7100	55.0	4.4764	15.0	1.2455
134.0	10.8377	94.0	7.6298	54.0	4.3951	14.0	1.1663
133.0	10.7569	93.0	7.5495	53.0	4.3137	13.0	1.0872
132.0	10.6762	92.0	7.4692	52.0	4.2324	12.0	1.0083
131.0	10.5956	91.0	7.3889	51.0	4.1510	11.0	0.9295
130.0	10.5150	90.0	7.3085	50.0	4.0697	10.0	0.8508
129.0	10.4345	89.0	7.2281	49.0	3.9884	9.0	0.7724
128.0	10.3540	88.0	7.1477	48.0	3.9070	8.0	0.6940
127.0	10.2736	87.0	7.0672	47.0	3.8257	7.0	0.6159
126.0	10.1933	86.0	6.9867	46.0	3.7444	6.0	0.5379
125.0	10.1130	85.0	6.9062	45.0	3.6631	5.0	0.4601
124.0	10.0327	84.0	6.8257	44.0	3.5818		
123.0	9.9525	83.0	6.7451	43.0	3.5005		
122.0	9.8723	82.0	6.6645	42.0	3.4192		
121.0	9.7921	81.0	6.5838	41.0	3.3380		
120.0	9.7119	80.0	6.5031	40.0	3.2568		
119.0	9.6318	79.0	6.4224	39.0	3.1756		
118.0	9.5517	78.0	6.3416	38.0	3.0945		
117.0	9.4717	77.0	6.2609	37.0	3.0134		
116.0	9.3916	76.0	6.1800	36.0	2.9323		
115.0	9.3116	75.0	6.0992	35.0	2.8513		
114.0	9.2315	74.0	6.0183	34.0	2.7703		
113.0	9.1515	73.0	5.9374	33.0	2.6894		
112.0	9.0715	72.0	5.8564	32.0	2.6085		
111.0	8.9915	71.0	5.7754	31.0	2.5277		